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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

OCTOBER 1981

Vol. XXVI No. 10

JOB
SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY

BUR-652 REV 6-81

In cooperation with the United States Bureau of Labor Statistics

— EXPLANATORY —

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing,to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
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PENNSYLVANIA EMPLOYMENT AND EARNINGS

SEPTEMBER 1981

Total unemployment in Pennsylvania increased in September. With and without seasonal adjustments, the jobless rate stood at 8.2 percent of the civilian labor force.

Seasonally adjusted, the volume of unemployment jumped 26,000 to a level of 443,000, pushing the rate up six-tenths of a point from August's 7.6 percent. This was a reversal of the July and August trends when summer employment opportunities gave the job market a bit of a nudge. Additional cutbacks in orders for manufactured goods and the persistent sluggishness in housing starts have contributed to this continued erosion of the job situation.

Seasonal influences apart, the volume of unemployment climbed to 441,000, an increase of 14,000 over August. The rate rose to 8.2 percent from August's 7.7. A year ago, unemployment totalled 427,000 and the unemployment rate was 7.9 percent.

Nationwide, the September seasonally adjusted rate was 7.5 percent, up from 7.2 percent in August. The unadjusted rate was 7.3 percent, up slightly from 7.2 percent in August.

FACTORY JOBS SHOW LITTLE GAIN

Factory jobs were scarce in September. The 1,309,000 count for all Pennsylvania manufacturing industries represented a mere 2,600 increase over August. Normal seasonal changes, coupled with current economic restrictions, were largely responsible for these limited advances. Only the APPAREL industry, with a gain of 1,900 jobs, showed any distinctly encouraging sign. Job gains were also reported in the ELECTRICAL EQUIPMENT industry, in TRANSPORTATION EQUIPMENT, MISCELLANEOUS MANUFACTURERS, TEXTILES, FURNITURE, TOBACCO and LEATHER but the numbers were inconsequential. PAPER and PRINTING remained unchanged over the month. All other industries indicated job cutbacks ranging from one to five hundred. Dwindling demand for manufactured goods, especially durables, has effectively kept the lid on manufacturing job opportunities for more than a year now even though total factory jobs are slightly higher than a year ago.

PRODUCTION TIME DIPS SLIGHTLY

Factory production hours slowed down in September while average hourly earnings continued to increase. The state's 931,000 production workers averaged $8.48 an hour for a 39.1 hour workweek. Down eighteen minutes, the production workweek equalled the low for 1981 which occurred in July. On the basis of past experience, declines in the workweek usually precede later reductions in employment.

PETROLEUM and PRIMARY METALS were the only industries reporting increases in working time. PETROLEUM, citing increased overtime hours, posted a 1.8 hour gain and an additional nineteen cents per hour. PRIMARY METALS and MISCELLANEOUS MANUFACTURERS registered fifteen cents and fourteen cents an hour gains, respectively.

Nationwide the average hourly earnings for factory workers in September was $8.15 for a 39.3 hour workweek. This reflects an over-the-month drop of one-half hour in the workweek and an increase of thirteen cents an hour.

DISPUTES AFFECT NONFACTORY JOB COUNTS

In the nonmanufacturing sector, job cutbacks continued for the third consecutive month. The overriding factor in the over-the-month decline of 17,600 positions, was the Philadelphia City School strike, affecting approximately 21,000 workers. In the private sector, CONSTRUCTION fell off seasonally (-4,600) but was offset by a 6,600 gain in TRANSPORTATION. Comparing year ago job totals, SERVICES, FINANCE and MINING are running slightly ahead but all other industries, notably RETAIL TRADE and CONSTRUCTION, are lagging behind and are the most significant elements in the nearly 38,000 nonmanufacturing job deficit reflected over the twelve-month period.

The chart on Page 16 provides a concise view of the changing job patterns over the past four years.

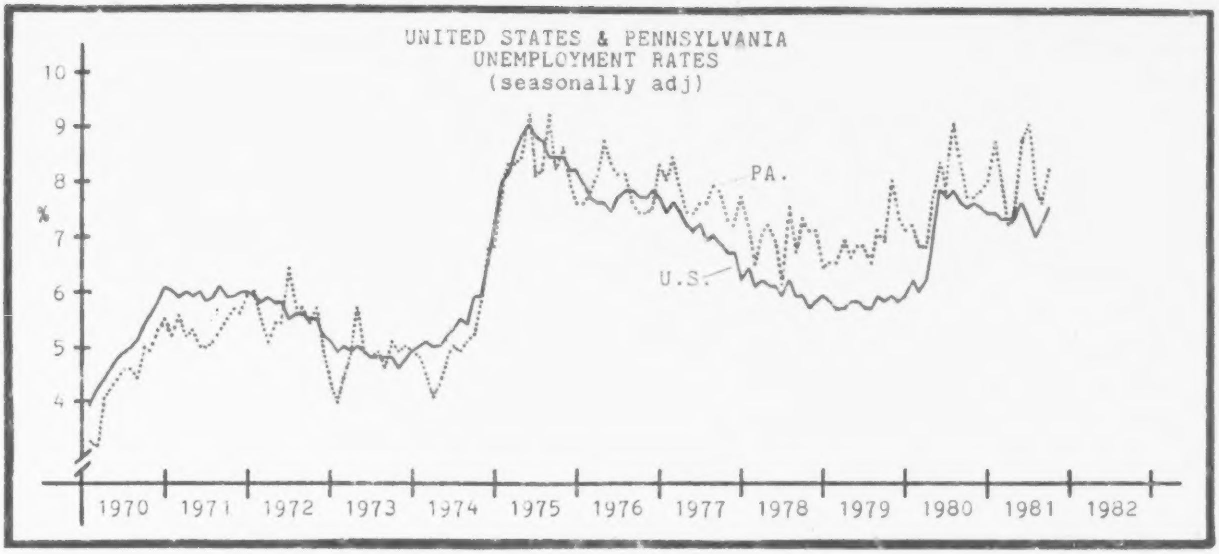

Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,828	4,610	218	4.5		82,715	78,627	4,088	4.9	
1971	4,801	4,542	260	5.4		84,113	79,120	4,993	5.9	
1972	4,870	4,607	264	5.4		86,542	81,702	4,840	5.6	
1973	4,988	4,747	241	4.8		88,714	84,409	4,304	4.9	
1974	5,036	4,778	258	5.1		91,011	85,935	5,076	5.6	
1975	5,068	4,646	421	8.3		92,613	84,783	7,830	8.5	
1976	5,094	4,690	404	7.9		94,773	87,485	7,288	7.7	
1977	5,165	4,767	398	7.7		97,401	90,546	6.855	7.0	
1978	5,255	4,891	364	6.9		100,420	94,373	6,047	6.0	
1979	5,296	4,930	366	6.9		102,908	96,945	5,963	5.8	
1980	5,368	4,950	417	7.8		104,719	97,270	7,448	7.1	
1980 Sep.	5,382	4,954	427	7.9	8.0	104,720	97,256	7,464	7.1	7.4
Oct.	5,447	5,031	416	7.6	7.7	105,415	97,933	7,482	7.1	7.6
Nov.	5,440	5,028	412	7.6	7.9	105,287	97,801	7.486	7.1	7.5
Dec.	5,341	4,938	403	7.5	8.0	104,778	97,545	7,233	6.9	7.4
1981 Jan.	5,366	4,876	490	9.1	8.7	104,671	96,128	8,543	8.2	7.4
Feb.	5,324	4,867	456	8.6	8.0	104,808	96,383	8,425	8.0	7.3
Mar.	5,420	4,993	426	7.9	7.2	105,405	97,318	8,087	7.7	7.3
Apr.	5,344	4,975	370	6.9	7.3	105,678	98,282	7,396	7.0	7.3
May	5,398	4,979	419	7.8	8.7	106,347	98,803	7.545	7.1	7.6
Jun.	5,447	4,943	505	9.3	9.0	107,621	99,341	8,279	7.7	7.3
Jul.	5,544	5,095	448	8.1	7.9	108,408	100,474	7,934	7.3	7.0
Aug.	5,530	5,103	427	7.7	7.6	107,771	100,013	7,758	7.2	7.2
Sep.	5,394	4,953	441	8.2	8.2	105,964	98,277	7,687	7.3	7.5

DATA IN THIS PUBLICATION ARE ARRANGED ACCORDING TO THE 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL. EMPLOYMENT DATA, BEGINNING WITH 1979, ARE BENCHMARKED TO FIRST QUARTER 1980. PRIOR YEARS ARE NOT, THEREFORE, STRICTLY COMPARABLE.

On all tables the most recent month's data are preliminary. They are subject to revision.

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From--	
	Sept. 1981	Aug. 1981	Sept. 1980	Aug. 1981	Sept. 1980
TOTAL CIVILIAN LABOR FORCE	5,394.0	5,530.0	5,382.0	-136.0	12.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	441.0	427.0	427.0	14.0	14.0
% CIVILIAN LABOR FORCE	8.2	7.7	7.9	0.5	0.3
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	443.0	415.0	430.0	28.0	13.0
% CIVILIAN LABOR FORCE	8.2	7.6	8.0	0.6	0.2
TOTAL EMPLOYMENT	4,953.0	5,103.0	4,954.0	-150.0	-1.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From--	
	Sept. 1981	Aug. 1981	Sept. 1980	Aug. 1981	Sept. 1980
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,699.4	4,691.7	4,737.1	7.7	-37.7
LABOR-MANAGEMENT DISPUTES	25.4	2.7	33.4	22.7	-8.0
ALL MANUFACTURING INDUSTRIES	1,309.0	1,306.4	1,300.8	2.6	8.2
TOTAL NONMANUFACTURING INDUSTRIES	3,365.0	3,382.6	3,402.9	-17.6	-37.9
Mining	52.1	51.6	49.8	0.5	2.3
Anthracite	3.7	3.7	3.5	0.0	0.2
Bituminous	38.7	38.2	36.9	0.5	1.8
Nonmetallic minerals	4.6	4.6	4.9	0.0	-0.3
Contract Construction	192.6	197.2	203.8	-4.6	-11.2
General building	53.5	53.2	55.2	0.3	-1.7
Heavy construction	39.5	40.3	42.6	-0.8	-3.1
Special trades	99.6	103.7	106.0	-4.1	-6.4
Transportation	149.1	142.5	159.9	6.6	-10.8
Railroads	38.8	38.8	41.9	0.0	-3.1
Public Utilities	102.6	104.0	100.5	-1.4	2.1
Communications	53.3	53.6	54.8	-0.3	-1.5
Electric, gas & sanitary service	49.3	50.4	45.7	-1.1	3.6
Electric systems	24.7	24.8	21.8	-0.1	2.9
Gas production	9.6	10.2	9.1	-0.6	0.5
Wholesale trade	242.5	242.9	244.5	-0.4	-2.0
Retail trade	723.1	721.5	743.6	1.6	-20.5
General merchandise stores	113.2	112.6	116.5	0.6	-3.3
Department stores	99.7	99.2	102.8	0.5	-3.1
Finance, insurance & real estate	240.7	242.9	237.5	-2.2	3.2
Banking	81.2	81.8	79.2	-0.6	2.0
Commercial & stock savings	74.7	75.2	72.8	-0.5	1.9
Credit agencies & securities	30.8	30.9	30.4	-0.1	0.4
Insurance	70.3	70.6	69.7	-0.3	0.6
Life insurance	27.1	27.2	26.7	-0.1	0.4
Fire, marine & casualty	29.1	29.3	28.9	-0.2	0.2
Services	989.0	987.5	982.2	1.5	6.8
Business services	136.6	139.1	132.2	-2.5	4.4
Health services	331.2	332.5	321.1	-1.3	10.1
Nursing & personal care	51.0	51.7	51.1	-0.7	-0.1
Hospitals	205.8	206.3	196.3	-0.5	9.5
Educational service	105.4	92.2	117.1	13.2	-11.7
Miscellaneous services	48.6	48.7	47.8	-0.1	0.8
Engineering & architectural	30.7	31.0	30.6	-0.3	0.1
Government	673.3	692.5	681.1	-19.2	-7.8
Federal	130.9	132.4	129.6	-1.5	1.3
State & local	542.4	560.1	551.5	-17.7	-9.1

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Non-Manufacturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3.675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3.765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3.026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3.050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3.714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.2	180.3	919.3	220.7	698.6
1977	4,565.2	3.854.3	1,314.9	3,223.3	48.0	183.9	938.9	221.7	717.2
1978	4,719.6	3,995.6	1,367.8	3,351.7	46.8	200.1	983.7	230.8	752.9
1979	4,806.8	4,086.1	1,386.7	3,420.1	51.7	204.2	992.5	239.4	753.1
1980	4,753.0	4,025.2	1,328.0	3,424.9	49.5	190.3	988.9	244.5	744.4
1980 Sep.	4,703.7	4,022.6	1,300.8	3.402.9	49.8	203.8	988.1	244.5	743.6
Oct.	4,764.6	4,037.9	1.308.7	3,455.9	49.0	203.9	998.8	245.6	753.2
Nov.	4,772.9	4,039.6	1,310.1	3.462.8	50.1	195.5	1,006.6	246.2	760.4
Dec.	4,765.0	4,028.2	1,310.4	3,454.6	49.5	181.1	1,014.0	246.6	767.4
1981 Jan.	4,657.9	3,935.1	1,300.2	3,357.7	48.9	156.8	974.9	244.9	730.0
Feb.	4,661.6	3,926.3	1,296.7	3,364.9	48.8	157.2	964.9	243.3	721.6
Mar.	4,684.0	3,948.4	1.296.3	3,387.7	48.4	165.8	968.7	242.6	726.1
Apr.	4,694.9	3,961.2	1,301.3	3.393.6	* 27.5	177.7	976.8	243.6	733.2
May	4,710.2	3,973.7	1,299.3	3,410.9	* 26.2	181.4	983.3	243.3	740.0
Jun.	4,743.2	4,011.9	1,309.0	3,434.2	50.3	190.3	975.5	244.4	731.1
Jul.	4,688.2	3,988.4	1,298.9	3.389.3	51.4	195.8	966.7	242.7	724.0
Aug.	4,689.0	3,996.5	1,306.4	3,382.6	51.6	197.2	964.4	242.9	721.5
Sep.	4,674.0	4,000.7	1,309.0	3,365.0	52.1	192.6	965.6	242.5	723.1

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.9	137.6	514.4
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.7	136.4	522.4
1974	161.1	104.4	207.3	773.6	154.9	618.7	682.0	136.6	545.4
1975	154.0	102.5	207.3	798.5	159.8	638.7	721.4	134.4	587.0
1976	155.4	101.1	211.4	839.7	165.5	674.2	722.1	131.7	590.4
1977	160.9	100.7	217.5	862.5	171.1	691.4	710.9	128.1	582.8
1978	165.7	100.9	226.6	903.9	177.9	726.0	724.1	129.5	594.5
1979	170.7	101.7	233.7	945.0	185.3	759.7	720.7	130.8	589.9
1980	160.9	101.8	236.7	969.1	194.2	774.9	727.7	133.5	594.2
1980 Sep.	159.9	100.5	237.5	982.2	196.3	785.9	681.1	129.6	551.5
Oct.	158.9	103.2	238.2	977.2	196.8	780.4	726.7	128.6	598.1
Nov.	158.7	103.2	238.4	977.0	197.4	779.6	733.3	129.4	603.9
Dec.	156.9	103.0	238.1	975.2	197.7	777.5	736.8	128.5	608.3
1981 Jan.	152.4	102.9	238.0	961.0	198.5	762.5	722.8	128.7	594.1
Feb.	153.9	102.1	237.6	965.1	199.0	766.1	735.3	128.3	607.0
Mar.	152.8	102.5	237.9	976.0	200.0	776.0	735.6	128.7	606.9
Apr.	152.4	102.0	239.4	984.1	200.6	783.5	733.7	129.3	604.4
May	150.9	102.1	240.9	989.6	201.7	787.9	736.5	130.4	606.1
Jun.	150.3	103.3	243.2	990.0	205.2	784.8	731.3	132.3	599.0
Jul.	142.3	103.8	243.7	985.8	205.7	780.1	699.8	133.3	566.5
Aug.	142.5	104.0	242.9	987.5	206.3	781.2	692.5	132.4	560.1
Sep.	149.1	102.6	240.7	989.0	205.8	783.2	673.3	130.9	542.4

PUBLICATION ANNOUNCEMENT

The Pennsylvania Office of Employment Security, Occupational Employment Statistics Section in cooperation with the U. S. Department of Labor, Bureau of Labor Statistics and Employment and Training Administration is releasing the report "PENNSYLVANIA VOCATIONAL PREPARATION, JOB CHARACTERISTICS AND OUTLOOK." The report contains preferred educational requirements by detailed occupational category, a cross reference of the various occupational coding systems, a list of personal characteristics and jobs, a guide toward matching people and jobs, and the job outlook in brief for the U. S. This report was sponsored and funded by the Pennsylvania State Occupational Information Coordinating Committee (PASOICC). If you wish to obtain a copy of this publication, complete the address form provided.

Name ______________________________ Title ____________________

Organization
(if applicable) ____

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Commonwealth of Pennsylvania
Department of Labor and Industry
Office of Employment Security
R & S - Occupational Employment Statistics
Section
Room 1225, Labor and Industry Building
Harrisburg, PA 17121

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

AUGUST 1981

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Aug. 1981	Jul. 1981	Aug. 1980	Aug. 1981	Jul. 1981	Aug. 1980	Aug. 1981	Jul. 1981	Aug. 1980
All Manufacturing	1,306.4	3.5	3.4	4.1	1.7	1.4	1.4	1.6	1.8	2.5
Durable Goods	791.9	3.1	2.8	3.8	1.1	0.9	0.7	1.7	1.7	2.8
Furniture & Fixtures	19.2	5.9	4.5	4.0	3.5	2.6	2.4	2.2	1.8	1.6
Stone, Clay & Glass Products	57.9	2.7	2.9	4.4	0.9	0.9	0.9	1.7	1.8	3.3
Primary Metal Industries	189.7	3.3	3.3	5.8	0.6	0.5	0.4	2.3	2.5	5.2
Fabricated Metal Products	108.6	4.1	4.0	4.3	1.4	1.0	1.0	2.5	2.7	3.1
Machinery, exc. Electrical	134.9	1.5	1.7	1.9	0.8	0.8	0.8	0.6	0.7	0.9
Electric & Electronic Equip.	120.4	2.6	1.8	2.7	1.2	0.9	0.6	1.1	0.6	1.4
Transportation Equipment	74.6	4.5	3.7	4.2	1.1	1.1	0.5	3.2	2.1	3.2
Instruments & Related Products	41.5	2.1	1.1	1.1	1.7	0.8	0.8	0.4	0.3	0.2
Miscellaneous Manufacturing	23.1	4.5	2.1	4.8	3.1	1.1	1.4	1.3	0.7	3.4
Nondurable Goods	514.5	4.0	4.4	4.6	2.4	2.1	2.3	1.4	2.1	2.1
Food & Kindred Products	96.8	4.9	6.2	5.0	2.5	2.2	2.8	2.3	3.7	2.0
Textile Mill Products	44.8	5.2	4.7	5.3	2.9	2.8	3.0	2.2	1.6	2.2
Apparel & Related Products	123.6	6.1	6.8	7.1	3.8	2.8	3.1	1.9	3.6	3.7
Paper & Allied Products	43.2	2.0	2.8	3.6	1.3	1.9	1.6	0.6	0.9	1.8
Printing & Publishing	72.8	2.4	2.3	2.4	1.7	1.5	1.7	0.7	0.7	0.6
Chemicals & Allied Products	61.2	1.6	2.2	1.4	1.1	1.2	0.9	0.4	0.9	0.4
Petroleum & Coal Products	16.9	1.1	1.2	1.6	0.9	0.8	0.6	0.1	0.4	0.9
Rubber & Plastics Products	36.5	3.3	2.6	4.1	1.9	1.4	1.8	1.1	0.9	1.9
Leather & Leather Products	15.5	[illegible]	5.0	9.9	5.0	3.5	4.7	0.9	1.4	5.0

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Aug. 1981	Jul. 1981	Aug. 1980	Aug. 1981	Jul. 1981	Aug. 1980	Aug. 1981	Jul. 1981	Aug. 1980
All Manufacturing	1,306.4	3.6	3.7	4.5	1.4	0.8	1.4	1.5	2.2	2.3
Durable Goods	791.9	3.4	3.3	4.3	0.9	0.5	0.8	1.7	2.1	2.6
Furniture & Fixtures	19.2	4.3	4.8	4.5	1.9	1.1	1.7	1.4	2.9	1.9
Stone, Clay & Glass Products	57.9	3.8	2.7	5.2	1.1	0.5	0.8	2.0	1.4	3.2
Primary Metal Industries	189.7	4.4	3.7	6.2	0.7	0.3	0.5	2.8	2.6	4.7
Fabricated Metal Products	108.6	3.7	4.0	4.5	1.0	0.6	1.0	2.0	2.6	2.8
Machinery, exc. Electrical	134.9	2.2	1.9	2.7	0.9	0.6	0.9	0.9	0.9	1.3
Electric & Electronic Equip.	120.4	2.4	2.5	3.3	1.0	0.5	0.8	0.4	1.1	1.7
Transportation Equipment	74.6	3.3	5.4	2.9	0.5	0.4	0.5	2.0	4.0	1.5
Instruments & Related Products	41.5	2.4	1.4	2.8	0.9	0.5	1.0	0.9	0.5	1.0
Miscellaneous Manufacturing	23.1	5.7	6.1	5.2	1.7	1.1	1.4	3.4	4.5	3.1
Nondurable Goods	514.5	4.0	4.2	4.8	2.1	1.3	2.3	1.2	2.2	1.8
Food & Kindred Products	96.8	4.0	4.3	4.6	2.1	1.2	2.8	1.3	2.5	1.0
Textile Mill Products	44.8	4.6	5.6	5.0	2.4	1.8	2.6	1.5	2.9	1.5
Apparel & Related Products	123.6	4.8	7.2	7.1	2.6	2.1	2.5	1.2	4.1	3.7
Paper & Allied Products	43.2	3.2	2.6	4.9	1.7	0.9	2.0	0.9	1.0	1.7
Printing & Publishing	72.8	2.9	2.0	3.0	1.7	0.8	1.8	0.7	0.8	0.8
Chemicals & Allied Products	61.2	2.9	1.3	2.4	1.2	0.5	1.1	1.1	0.4	0.7
Petroleum & Coal Products	16.9	4.3	1.5	3.7	2.7	0.3	1.2	0.7	0.9	1.4
Rubber & Plastics Products	36.5	4.2	3.1	4.1	1.6	1.1	2.1	1.7	1.5	1.1
Leather & Leather Products	15.5	6.3	7.0	9.0	3.9	3.3	4.4	1.6	3.1	3.7

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Detail

(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Sept. 1981	Aug. 1981	Sept. 1980	Aug. 1981	Sept. 1980
	TOTAL MANUFACTURING INDUSTRIES	1,309.0	1,306.4	1,300.8	2.6	8.2
	TOTAL DURABLE GOODS	793.2	791.9	789.6	1.3	3.6
24	Lumber & wood products	21.6	22.0	20.7	-0.4	0.9
243	Millwork, plywood & structural	7.5	7.5	6.8	0.0	0.7
	Other lumber & wood products	14.1	14.5	13.9	-0.4	0.2
25	Furniture & fixtures	19.6	19.2	19.7	0.4	-0.1
251	Household furniture	9.2	9.1	9.9	0.1	-0.7
252	Office furniture	4.9	4.8	4.6	0.1	0.3
	Other furniture & fixtures	5.5	5.3	5.2	0.2	0.3
32	Stone, clay & glass products	57.4	57.9	57.8	-0.5	-0.4
322	Glass & glassware, pressed or blown	15.0	15.2	14.9	-0.2	0.1
3221	Glass containers	7.4	7.5	7.5	-0.1	-0.1
3229	Other pressed or blown glass	7.6	7.7	7.4	-0.1	0.2
324	Hydraulic cement	2.4	2.6	2.6	-0.2	-0.2
325	Structural clay products	6.2	6.3	5.8	-0.1	0.4
326	Pottery & related products	4.7	4.7	4.5	0.0	0.2
327	Concrete, gypsum & plaster products	7.2	7.3	8.3	-0.1	-1.1
	Other stone, clay & glass products	21.9	21.8	21.7	0.1	0.2
33	Primary metal industries	189.6	189.7	183.1	-0.1	6.5
331	Blast furnace & basic steel products	141.6	141.9	134.0	-0.3	7.6
3312	Blast furnaces & steel mills	129.7	130.0	122.2	-0.3	7.5
	Other basic steel products	11.9	11.9	11.8	0.0	0.1
332	Iron & steel foundries	18.7	18.4	20.1	0.3	-1.4
3321	Gray iron foundries	8.0	8.1	8.0	-0.1	0.0
3325	Steel foundries, n.e.c.	6.4	6.2	7.5	0.2	-1.1
3322,4	Malleable iron & steel invest.	4.3	4.1	4.6	0.2	-0.3
335	Nonferrous rolling & drawing	13.9	13.7	13.6	0.2	0.3
336	Nonferrous foundries	7.4	7.4	6.9	0.0	0.5
	Other primary metal products	8.0	8.3	8.5	-0.3	-0.5
34	Fabricated metal products, (incl. ordnance)	109.0	108.6	112.1	0.4	-3.1
341	Metal cans & shipping containers	4.6	4.5	4.5	0.1	0.1
342	Cutlery, hand tools & hardware	6.1	6.2	6.2	-0.1	-0.1
343	Plumbing & heating exc. electrical	4.0	3.9	3.9	0.1	0.1
344	Fabricated structural metal products	32.9	33.0	35.6	-0.1	-2.7
3441	Fabricated structural metal	7.4	7.3	8.7	0.1	-1.3
3443	Fabricated plate work (boiler shops)	9.8	9.9	10.8	-0.1	-1.0
	Other fabricated struct. metal products	15.7	15.8	16.1	-0.1	-0.4
345	Screw machine products, bolts, etc.	8.7	8.8	9.2	-0.1	-0.5
346	Metal forgings & stampings	21.1	20.6	20.6	0.5	0.5
3462	Iron & steel forgings	5.7	5.8	5.5	-0.1	0.2
	Other metal forgings & stampings	15.4	14.8	15.1	0.6	0.3
347,8	Metal services & ordnance, n.e.c.	8.4	8.5	8.3	-0.1	0.1
349	Misc. fabricated metal products	23.2	23.1	23.8	0.1	-0.6
3494	Valves & pipe fittings	9.2	9.1	9.5	0.1	-0.3
	Other misc. fabricated metal products	14.0	14.0	14.3	0.0	-0.3
35	Machinery, exc. electrical	134.8	134.9	139.8	-0.1	-5.0
351	Engines & turbines	7.1	7.1	6.8	0.0	0.3
352	Farm & garden machinery	4.3	4.3	4.7	0.0	-0.4
353	Construction & related machinery	25.6	25.3	25.9	0.3	-0.3
3531	Construction machinery	8.7	8.6	8.6	0.1	0.1
3535	Conveyors & conveying equipment	3.5	3.5	3.8	0.0	-0.3
	Other construction & related machinery	13.4	13.2	13.5	0.2	-0.1
354	Metal working machinery	20.6	20.8	22.3	-0.2	-1.7
355	Special industry machinery	12.8	12.7	13.9	0.1	-1.1
356	General industrial machinery	26.3	26.3	27.3	0.0	-1.0
3561	Pumps & pumping equipment	4.2	4.3	4.1	-0.1	0.1
3562	Ball & roller bearings	4.0	4.1	4.1	-0.1	-0.1
3563	Air & gas compressors	4.4	4.2	4.6	0.2	-0.2
3567	Industrial furnaces & ovens	3.3	3.4	3.7	-0.1	-0.4
	Other general industrial machinery	10.4	10.3	10.8	0.1	-0.4

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(cont.)

Industry Detail

(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Sept. 1981	Aug. 1981	Sept. 1980	Aug. 1981	Sept. 1980
357	Office and computing machines	13.5	13.6	13.4	-0.1	0.1
358	Refrigeration & service industry machinery	10.5	10.7	11.3	-0.2	-0.8
359	Misc. machinery, exc. electrical	14.1	14.1	14.2	0.0	-0.1
36	Electric & electronic equipment	121.2	120.4	121.5	0.8	-0.3
361	Electric distributing equipment	18.0	17.9	18.9	0.1	-0.9
3612	Transformers	6.2	6.1	6.4	0.1	-0.2
3613	Switchgear & switchboard apparatus	11.8	11.8	12.5	0.0	-0.7
362	Electrical industrial apparatus	24.4	24.2	23.7	0.2	0.7
363	Household appliances	3.7	3.7	4.0	0.0	-0.3
364	Electric lighting & wiring equipment	20.4	20.2	20.2	0.2	0.2
3643	Current-carrying wiring devices	11.8	11.8	10.8	0.0	1.0
	Other electric light & wiring equipment	8.6	8.4	9.4	0.2	-0.8
366	Communication equipment	9.3	9.0	9.0	0.3	0.3
367	Electronic components & accessories	34.3	34.5	35.7	-0.2	-1.4
3674	Semiconductors & related devices	11.4	11.5	12.1	-0.1	-0.7
	Other electronic components & accessories	22.9	23.0	23.6	-0.1	-0.7
	Other electrical equipment & supplies	11.1	10.9	10.0	0.2	1.1
37	Transportation equipment	75.1	74.6	72.6	0.5	2.5
371	Motor vehicles & equipment	26.6	26.7	20.1	-0.1	6.5
3714	Motor vehicle parts & accessories	9.6	9.4	8.6	0.2	1.0
	Other motor vehicles & equipment	17.0	17.3	11.5	-0.3	5.5
372	Aircraft & parts	11.4	11.5	11.7	-0.1	-0.3
373	Ship & boat building & repairing	6.2	6.3	7.4	-0.1	-1.2
374	Railroad equipment	17.1	16.4	19.8	0.7	-2.7
	Other transportation equipment	13.8	13.7	13.6	0.1	0.2
38	Instruments & related products	41.3	41.5	39.6	-0.2	1.7
382	Measuring & controlling devices	22.6	22.8	21.0	-0.2	1.6
384	Medical instruments & supplies	11.1	11.1	10.9	0.0	0.2
	Other instruments & related products	7.6	7.6	7.7	0.0	-0.1
39	Miscellaneous manufacturing industries	23.6	23.1	22.7	0.5	0.9
	TOTAL NONDURABLE GOODS	515.8	514.5	511.2	1.3	4.6
20	Food & kindred products	96.5	96.8	98.3	-0.3	-1.8
201	Meat products	15.0	15.0	15.6	0.0	-0.6
2011	Meat packing plants	5.0	4.9	4.9	0.1	0.1
2013	Sausages & other prepared meats	5.4	5.4	5.6	0.0	-0.2
2016,7	Poultry dressing & processing	4.6	4.7	5.1	-0.1	-0.5
202	Dairy products	10.8	11.3	11.0	-0.5	-0.2
2026	Fluid milk	6.3	6.6	6.3	-0.3	0.0
	Other dairy products	4.5	4.7	4.7	-0.2	-0.2
203	Preserved fruits & vegetables	13.1	12.3	13.3	0.8	-0.2
2033	Canned fruits & vegetables	5.5	4.9	5.5	0.6	0.0
	Other preserved fruits & vegetables	7.6	7.4	7.8	0.2	-0.2
204	Grain mill products	5.1	4.9	5.2	0.2	-0.1
205	Bakery products	18.2	18.3	19.0	-0.1	-0.8
2051	Bread, cake & related products	13.7	13.7	14.0	0.0	-0.3
2052	Cookies & crackers	4.5	4.6	5.0	-0.1	-0.5
206	Sugar & confectionery products	16.0	16.1	15.6	-0.1	0.4
2065	Confectionery products	7.4	7.3	6.7	0.1	0.7
2066	Chocolate & cocoa products	6.2	6.1	6.1	0.1	0.1
	Other sugar products	2.4	2.7	2.8	-0.3	-0.4
208	Beverages	9.5	9.9	9.7	-0.4	-0.2
	Other food & kindred products	8.8	9.0	8.9	-0.2	-0.1
21	Tobacco manufacturers	3.3	3.2	3.3	0.1	0.0
22	Textile mill products	45.3	44.8	43.4	0.5	1.9
222	Weaving mills, synthetics	5.1	5.1	4.8	0.0	0.3
225	Knitting mills	22.9	22.5	21.9	0.4	1.0
2253	Knit outerwear mills	12.7	12.3	11.3	0.4	1.4
2254	Knit underwear mills	4.5	4.6	4.7	-0.1	-0.2
	Other knitting mills	5.7	5.6	5.9	0.1	-0.2
227	Floor covering mills	3.7	3.8	3.6	-0.1	0.1
228	Yarn & thread mills	4.0	3.9	3.9	0.1	0.1
	Other textile mill products	9.6	9.5	9.2	0.1	0.4

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(concl.)

Industry Detail

(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Sept. 1981	Aug. 1981	Sept. 1980	Aug. 1981	Sept. 1980
23	Apparel & other textile products	125.5	123.6	123.7	1.9	1.8
231	Men's & boys' suits & coats	16.2	16.1	16.2	0.1	0.0
232	Men's & boys' furnishings	21.7	21.5	21.8	0.2	-0.1
2321	Men's & boys' shirts & nightwear	7.6	7.6	7.6	0.0	0.0
2327	Men's & boys' separate trousers	5.3	5.2	5.2	0.1	0.1
	Other furnishings and work clothing	8.8	8.7	9.0	0.1	-0.2
233	Women's & misses' outerwear	55.9	54.6	54.5	1.3	1.4
234	Women's & children's undergarments	11.0	10.8	10.4	0.2	0.6
236	Children's outerwear	8.1	7.8	7.8	0.3	0.3
	Other apparel & textile products	12.6	12.8	13.0	-0.2	-0.4
26	Paper & allied products	43.2	43.2	42.1	0.0	1.1
262	Paper mills exc. building paper	11.5	11.7	11.9	-0.2	-0.4
265	Paper board containers & boxes	13.8	13.8	13.5	0.0	0.3
2653	Corrugated & solid fiber boxes	7.1	7.0	6.9	0.1	0.2
	Other paperboard containers	6.7	6.8	6.6	-0.1	0.1
	Other paper & allied products	17.9	17.7	16.7	0.2	1.2
27	Printing & publishing	72.8	72.8	72.0	0.0	0.8
271	Newspapers	24.0	23.9	23.7	0.1	0.3
273	Books	6.2	6.2	6.4	0.0	-0.2
275	Commercial printing	22.1	22.1	21.4	0.0	0.7
2752	Lithographing	12.2	12.2	12.0	0.0	0.2
	Other commercial printing	9.9	9.9	9.4	0.0	0.5
276	Manifold business forms	4.3	4.4	4.3	-0.1	0.0
	Other printing & publishing	16.2	16.2	16.2	0.0	0.0
28	Chemicals & allied products	61.0	61.2	60.1	-0.2	0.9
281	Industrial inorganic chemicals	11.2	11.2	10.8	0.0	0.4
282	Plastic materials & synthetics	7.9	8.1	8.3	-0.2	-0.4
283	Drugs	18.2	18.0	17.3	0.2	0.9
284	Soap, cleaners & toilet goods	3.1	3.2	3.2	-0.1	-0.1
285	Paints & allied products	4.4	4.5	4.6	-0.1	-0.2
	Other chemicals & allied products	16.2	16.2	15.9	0.0	0.3
29	Petroleum & coal products	16.5	16.9	16.7	-0.4	-0.2
291	Petroleum refining	12.7	13.0	12.7	-0.3	0.0
	Other petroleum & coal products	3.8	3.9	4.0	-0.1	-0.2
30	Rubber & misc. plastics products	36.1	36.5	35.9	-0.4	0.2
301	Tires & inner tubes	4.6	4.7	4.7	-0.1	-0.1
306	Fabricated rubber products, nec	4.4	4.4	4.5	0.0	-0.1
	Other rubber & plastic products, nec	27.1	27.4	26.7	-0.3	0.4
31	Leather & leather products	15.6	15.5	15.7	0.1	-0.1
314	Footwear, exc. rubber	11.9	12.0	12.2	-0.1	-0.3
3143	Men's footwear, exc. athletic	5.0	5.0	4.9	0.0	0.1
3144	Women's footwear, exc. athletic	2.7	2.8	3.3	-0.1	-0.6
	Other footwear	4.2	4.2	4.0	0.0	0.2
	Other leather & leather products	3.7	3.5	3.5	0.2	0.2

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept 1980	Sept. 1981	Aug. 1981	Sept. 1980
TOTAL MANUFACTURING INDUSTRIES	$331.57	$330.17	$299.15	39.1	39.4	38.7	$ 8.48	$ 8.38	$ 7.73
TOTAL DURABLE GOODS	377.45	376.27	338.98	39.9	40.2	39.6	9.46	9.36	8.56
Lumber & wood products	249.02	255.85	228.45	40.1	41.2	39.8	6.21	6.21	5.74
Millwork, plywood & structural	245.85	254.48	224.07	38.9	39.7	38.7	6.32	6.41	5.79
Other lumber & wood products	251.33	256.01	230.68	40.8	41.9	40.4	6.16	6.11	5.71
Furniture & fixtures	269.04	276.01	250.34	38.6	39.6	39.3	6.97	6.97	6.37
Household furniture	250.13	251.41	220.61	38.6	39.1	38.3	6.48	6.43	5.76
Office furniture	276.26	302.33	271.75	38.0	40.8	39.1	7.27	7.41	6.95
Other furniture & fixtures	295.99	297.47	291.75	39.1	39.4	41.5	7.57	7.55	7.03
Stone, clay & glass products	356.93	354.88	332.22	41.6	41.8	42.0	8.58	8.49	7.91
Glass & glassware,pressed or blown	355.10	336.51	313.24	41.1	40.3	39.6	8.64	8.35	7.91
Glass containers	387.24	370.39	344.51	42.0	41.2	40.2	9.22	8.99	8.57
Other pressed or blown glass	324.01	304.55	280.08	40.3	39.5	38.9	8.04	7.71	7.20
Hydraulic cement	513.42	515.22	459.22	43.0	43.7	43.2	11.94	11.79	10.63
Structural clay products	301.50	303.35	260.84	40.2	40.5	38.7	7.50	7.49	6.74
Pottery & related products	325.82	327.87	291.28	43.5	43.6	41.2	7.49	7.52	7.07
Concrete, gypsum & plaster prods.	347.23	345.56	302.63	42.5	42.4	41.4	8.17	8.15	7.31
Other stone, clay & glass prods.	371.01	380.06	384.01	41.5	42.8	46.1	8.94	8.88	8.33
Primary metal industries	471.03	464.01	409.09	38.8	38.7	37.6	12.14	11.99	10.88
Blast furnace & basic steel prods.	515.48	502.50	441.76	38.7	38.3	36.6	13.32	13.12	12.07
Blast furnaces & steel mills	524.16	511.68	446.92	38.4	38.1	36.1	13.65	13.43	12.38
Other basic steel products	422.06	413.91	388.75	41.5	40.9	41.4	10.17	10.12	9.39
Iron & steel foundries	344.70	351.45	317.15	38.3	39.4	39.3	9.00	8.92	8.07
Gray iron foundries	343.17	347.90	306.13	38.3	39.4	39.5	8.96	8.83	7.75
Steel foundries, n.e.c.	353.66	371.57	310.34	38.4	40.3	37.8	9.21	9.22	8.21
Malleable iron & steel invest.	336.16	329.84	348.59	38.2	38.0	41.4	8.80	8.68	8.42
Nonferrous rolling & drawing	346.18	350.80	331.14	39.7	40.0	41.6	8.72	8.77	7.96
Nonferrous foundries	310.85	308.87	289.25	39.1	38.9	39.3	7.95	7.94	7.36
Other primary metal products	350.28	335.72	337.33	41.7	40.4	42.7	8.40	8.31	7.90
Fabricated metal prods., incl. ordn.	345.23	346.40	316.41	39.5	40.0	39.7	8.74	8.66	7.97
Metal cans & shipping containers	448.59	489.06	362.35	42.2	46.4	39.3	10.63	10.54	9.22
Cutlery, hand tools & hardware	266.40	255.53	261.79	40.0	38.6	40.4	6.66	6.62	6.48
Plumbing & heating exc. electrical	316.41	319.14	301.51	39.9	40.5	40.8	7.93	7.88	7.39
Fabricated structural metal prods.	320.05	323.95	303.64	38.7	39.7	39.9	8.27	8.16	7.61
Fabricated struct. metal	324.65	320.71	308.06	34.5	34.3	36.2	9.41	9.35	8.51
Fab. plate work (boiler shops)	325.47	327.13	301.15	38.7	39.7	40.1	8.41	8.24	7.51
Other fab. struct. metal prods.	314.20	323.67	303.47	40.7	42.2	41.8	7.72	7.67	7.26
Screw machine products, bolts,etc.	308.00	311.89	294.86	40.0	40.4	39.9	7.70	7.72	7.39
Metal forgings & stampings	436.21	435.49	379.24	39.8	40.1	38.0	10.96	10.86	9.98
Iron & steel forgings	346.32	347.59	302.24	37.4	37.7	34.7	9.26	9.22	8.71
Other metal forgings & stampings	468.46	466.26	403.26	40.7	40.9	39.0	11.51	11.40	10.34
Metal services & ordnance, n.e.c.	308.10	293.76	288.40	39.5	38.4	40.0	7.80	7.65	7.21
Misc. fabricated metal products	320.62	324.39	299.36	39.1	39.9	40.4	8.20	8.13	7.41
Valves & pipe fittings	341.45	336.94	313.94	40.6	40.4	41.2	8.41	8.34	7.62
Other misc. fab. metal products	309.46	317.20	296.74	38.3	39.6	40.1	8.08	8.01	7.40
Machinery, exc. electrical	372.60	373.63	344.86	41.4	41.7	41.6	9.00	8.96	8.29
Engines & turbines	440.05	420.85	397.93	43.1	41.3	43.3	10.21	10.19	9.19
Farm & garden machinery	368.00	376.20	350.78	39.4	39.6	40.6	9.34	9.50	8.64
Construction & related machinery	401.40	393.76	339.55	41.9	41.8	39.3	9.58	9.42	8.64
Construction machinery	427.87	423.67	337.46	41.3	41.7	36.8	10.36	10.16	9.17
Conveyors & conveying equipment	293.11	294.65	292.60	35.4	35.5	38.0	8.28	8.30	7.70
Other constr. & related mach.	401.07	389.58	349.40	43.5	43.0	41.3	9.22	9.06	8.46
Metal working machinery	363.81	380.69	342.50	40.2	41.2	40.2	9.05	9.24	8.52
Special industry machinery	351.88	348.25	326.75	40.4	40.4	41.1	8.71	8.62	7.95
General industrial machinery	373.80	373.97	369.28	42.0	42.4	45.2	8.90	8.82	8.17
Pumps & pumping equipment	389.23	406.95	382.34	42.4	43.9	46.4	9.18	9.27	8.24
Ball & roller bearings	383.57	374.10	358.99	41.2	40.4	43.2	9.31	9.26	8.31
Air & gas compressors	409.15	411.78	411.77	43.9	45.4	48.5	9.32	9.07	8.49
Industrial furnaces & ovens	344.58	362.20	312.02	38.5	41.3	39.1	8.95	8.77	7.98
Other general industrial mach.	361.68	356.59	368.23	42.5	42.2	45.8	8.51	8.45	8.04
Office and computing machines	410.52	422.58	371.05	41.3	42.3	39.6	9.94	9.99	9.37
Refrigeration & serv. ind. mach.	335.32	338.82	282.98	41.5	42.3	40.6	8.08	8.01	6.97
Misc. machinery, exc. electrical	333.94	329.38	333.56	41.9	41.8	42.6	7.97	7.88	7.83

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980
Electrical & electronic equipment	$317.59	$321.20	$288.51	39.6	40.2	39.2	$ 8.02	$ 7.99	$ 7.36
Electric distributing equipment	409.62	411.61	367.53	43.3	43.1	42.1	9.46	9.55	8.73
Transformers	397.87	418.95	323.98	43.2	45.0	38.8	9.21	9.31	8.35
Switchgear & switchbrd apparatus	415.68	407.95	389.82	43.3	42.1	43.8	9.60	9.69	8.90
Electrical industrial apparatus	317.58	321.57	277.75	39.5	39.7	38.1	8.04	8.10	7.29
Household appliances	281.53	288.88	283.28	38.2	39.9	38.7	7.37	7.24	7.32
Electric lighting & wiring equip.	275.33	283.22	255.30	38.4	39.5	37.6	7.17	7.17	6.79
Current-carrying wiring devices	293.38	294.19	245.95	40.3	40.3	35.8	7.28	7.30	6.87
Other elect lght & wirng equip.	258.40	271.74	262.19	36.6	38.6	38.9	7.06	7.04	6.74
Communication equipment	324.41	340.47	303.40	40.2	42.4	40.4	8.07	8.03	7.51
Electronic components & access.	320.80	316.41	284.97	39.9	39.8	39.8	8.04	7.95	7.16
Semiconductors & related devices	419.63	416.15	375.74	40.9	41.0	41.2	10.26	10.15	9.12
Other electronic comp.& access.	274.53	269.60	240.86	39.5	39.3	39.1	6.95	6.86	6.16
Other electrical equip. & supplies	252.74	269.57	248.63	35.9	38.4	37.5	7.04	7.02	6.63
Transportation equipment	401.32	401.39	359.33	39.5	39.9	39.4	10.16	10.06	9.12
Motor vehicles & equipment	442.67	449.86	384.69	40.5	41.5	39.7	10.93	10.84	9.69
Motor vehicle parts & access.	431.98	461.17	394.69	40.6	43.1	40.9	10.64	10.70	9.65
Other motor vehicles & equip.	450.77	441.98	375.58	40.5	40.4	38.6	11.13	10.94	9.73
Aircraft & parts	394.13	368.03	373.69	39.1	37.1	41.8	10.08	9.92	8.94
Ship & boat building & repairing	420.73	418.50	363.77	42.2	41.6	39.8	9.97	10.06	9.14
Railroad equipment	383.63	388.99	361.28	37.5	38.4	37.4	10.23	10.13	9.66
Other transportation equipment	302.61	312.03	288.64	38.5	39.8	40.2	7.86	7.84	7.18
Instruments & related products	329.93	329.43	284.93	41.5	41.7	39.3	7.95	7.90	7.25
Measuring & controlling devices	352.60	355.06	298.15	43.0	43.3	40.4	8.20	8.20	7.38
Medical instruments & supplies	322.60	312.76	278.13	41.2	40.2	38.1	7.83	7.78	7.30
Other instruments & related prods.	273.77	276.19	259.24	37.4	38.9	37.9	7.32	7.10	6.84
Misc. manufacturing industries	297.20	293.79	289.54	40.0	40.3	41.6	7.43	7.29	6.96
TOTAL NONDURABLE GOODS	263.78	263.20	241.88	37.9	38.2	37.5	6.96	6.89	6.45
Food & kindred products	308.37	308.30	286.63	40.1	40.3	40.2	7.69	7.65	7.13
Meat products	309.32	320.38	280.86	40.7	41.5	38.9	7.60	7.72	7.22
Meat packing plants	336.61	354.05	339.05	41.0	42.3	40.8	8.21	8.37	8.31
Sausages & other prepared meats	372.60	385.29	301.29	40.5	40.6	36.3	9.20	9.49	8.30
Poultry dressing & processing	220.05	225.35	210.93	40.6	41.5	39.5	5.42	5.43	5.34
Dairy products	321.64	308.35	299.11	44.0	43.8	43.1	7.31	7.04	6.94
Fluid milk	340.13	341.12	322.66	42.2	43.4	44.2	8.06	7.86	7.30
Other dairy products	306.22	282.00	283.23	45.5	44.2	42.4	6.73	6.38	6.68
Preserved fruits & vegetables	269.97	276.82	256.49	37.6	38.5	39.4	7.18	7.19	6.51
Canned fruits & vegetables	231.57	239.20	206.27	37.9	39.8	37.3	6.11	6.01	5.53
Other preserved fruits & vegs.	298.08	301.18	293.97	37.4	37.6	41.0	7.97	8.01	7.17
Grain mill products	343.74	318.16	312.26	42.7	41.0	42.6	8.05	7.76	7.33
Bakery products	299.92	297.04	291.28	38.8	39.5	41.2	7.73	7.52	7.07
Bread, cake & related products	309.64	293.96	282.89	39.8	39.3	39.9	7.78	7.48	7.09
Cookies & crackers	277.04	303.28	307.91	36.5	39.8	43.8	7.59	7.62	7.03
Sugar & confectionery products	339.04	329.24	281.15	41.6	40.2	38.2	8.15	8.19	7.36
Confectionery products	273.14	259.56	221.68	39.7	37.4	34.8	6.88	6.94	6.37
Chocolate & cocoa products	365.56	369.28	307.85	41.4	42.3	40.4	8.83	8.73	7.62
Other sugar products	564.99	461.16	388.67	50.9	44.3	42.9	11.10	10.41	9.06
Beverages	382.01	380.66	359.31	40.9	40.8	40.6	9.34	9.33	8.85
Other food & kindred products	233.58	241.30	248.46	36.9	38.0	41.0	6.33	6.35	6.06
Tobacco manufacturers	191.46	186.69	170.91	38.6	38.1	39.2	4.96	4.90	4.36
Textile mill products	210.55	209.59	197.10	37.8	37.9	38.8	5.57	5.53	5.08
Weaving mills, snythetics	237.64	238.05	224.08	41.4	41.4	42.6	5.74	5.75	5.26
Knitting mills	196.18	196.68	183.44	36.6	36.9	37.9	5.36	5.33	4.84
Knit outerwear mills	196.57	196.27	182.63	37.3	37.6	37.5	5.27	5.22	4.87
Knit underwear mills	160.88	158.60	158.95	32.9	32.5	35.4	4.89	4.88	4.49
Other knitting mills	224.58	230.30	205.63	38.0	39.1	40.8	5.91	5.89	5.04
Floor covering mills	263.95	262.26	258.80	37.6	37.2	40.5	7.02	7.05	6.39
Yarn & thread mills	192.40	191.27	189.31	37.8	37.8	38.4	5.09	5.06	4.93
Other textile mill products	222.12	216.93	198.91	38.9	38.6	38.4	5.71	5.62	5.18

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

(concl.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980
Apparel & other textile products	$173.49	$175.62	$151.63	33.3	34.1	31.2	$ 5.21	$ 5.15	$ 4.86
Men's & boys' suits & coats	221.65	220.32	194.67	36.1	36.0	34.7	6.14	6.12	5.61
Men's & boys' furnishings	176.27	174.60	159.54	35.9	36.3	33.8	4.91	4.81	4.72
Men's & boys' shirts & nightwear	181.02	177.93	160.30	37.4	38.1	34.4	4.84	4.67	4.66
Men's & boys' separate trousers	196.38	191.35	166.86	36.1	35.9	30.9	5.44	5.33	5.40
Other furnishings & wrk. clothng	160.43	162.05	154.96	34.5	35.0	34.9	4.65	4.63	4.44
Women's & misses' outerwear	162.84	167.16	140.37	39.9	31.9	28.3	5.27	5.24	4.96
Women's & children's undergarments	155.38	154.69	130.98	34.3	34.3	32.5	4.53	4.51	4.03
Children's outerwear	164.50	169.51	139.30	32.9	33.7	28.9	5.00	5.03	4.82
Other apparel & textile products	175.79	177.07	152.74	35.3	37.2	34.4	4.98	4.76	4.44
Paper & allied products	321.06	322.39	309.21	42.3	42.7	44.3	7.59	7.55	6.98
Paper mills exc. building paper	429.66	416.30	402.24	47.9	46.0	48.0	8.97	9.05	8.38
Paper board containers & boxes	304.36	307.16	294.47	40.1	40.9	41.3	7.59	7.51	7.13
Corrugated & solid fiber boxes	324.01	330.76	304.09	41.7	42.9	40.6	7.77	7.71	7.49
Other paperboard containers	284.52	284.70	284.76	38.5	39.0	42.0	7.39	7.30	6.78
Other paper & allied products	283.59	287.90	271.04	41.4	42.4	44.8	6.85	6.79	6.05
Printing & publishing	324.94	321.54	294.00	38.5	38.6	37.5	8.44	8.33	7.84
Newspapers	314.16	301.62	285.44	34.0	33.0	32.4	9.24	9.14	8.81
Books	280.50	292.99	240.67	37.4	39.7	36.3	7.50	7.38	6.63
Commercial printing	345.05	341.75	319.18	39.3	39.6	39.6	8.78	8.63	8.06
Lithographing	363.27	348.77	317.13	39.4	39.1	39.2	9.22	8.92	8.09
Other commercial printing	324.18	332.83	321.60	39.2	40.1	40.1	8.27	8.30	8.02
Manifold business forms	359.64	365.02	302.71	44.4	45.4	40.2	8.10	8.04	7.53
Other printing & publishing	310.02	307.68	289.84	39.9	39.7	38.8	7.77	7.75	7.47
Chemicals & allied products	376.85	366.03	335.74	42.2	41.5	41.5	8.93	8.82	8.09
Industrial inorganic chemicals	399.86	369.82	352.60	43.7	41.0	43.0	9.15	9.02	8.20
Plastic materials & synthetics	384.92	362.60	330.40	41.3	39.2	40.0	9.32	9.25	8.26
Drugs	409.19	397.07	354.71	41.5	40.6	39.9	9.86	9.78	8.89
Soap, cleaners & toilet goods	336.00	351.94	311.56	44.8	46.8	44.7	7.50	7.52	6.97
Paints & allied products	334.90	336.31	283.82	39.4	39.8	37.1	8.50	8.45	7.65
Other chemicals & allied products	353.18	349.29	331.44	42.5	42.7	43.1	8.31	8.18	7.69
Petroleum & coal products	483.15	460.64	448.05	43.1	41.8	43.5	11.21	11.02	10.30
Petroleum refining	512.46	480.17	464.53	43.1	40.9	42.5	11.89	11.74	10.93
Other petroleum & coal products	379.67	392.90	393.02	42.9	44.8	46.9	8.85	8.77	8.38
Rubber & misc. plastics products	270.82	276.00	235.59	38.8	40.0	39.2	6.98	6.90	6.01
Tires & inner tubes	343.80	364.88	346.43	39.7	41.7	44.7	8.66	8.75	7.75
Fabricated rubber products, nec	347.96	346.30	306.59	42.8	42.7	42.7	8.13	8.11	7.18
Other rubber & plastic prods., nec	251.36	254.92	211.66	38.2	39.4	38.0	6.58	6.47	5.57
Leather & leather products	183.89	183.82	176.18	37.3	37.9	38.3	4.93	4.85	4.60
Footwear, exc. rubber	171.39	173.54	164.87	36.7	37.4	37.9	4.67	4.64	4.35
Men's footwear, exc. athletic	187.31	188.28	186.19	38.7	38.9	40.3	4.84	4.84	4.62
Women's footwear, exc. athletic	168.37	166.52	151.98	35.9	36.2	36.8	4.69	4.60	4.13
Other footwear	153.37	160.16	149.70	34.7	36.4	35.9	4.42	4.40	4.17
Other leather & leather products	226.94	223.28	215.17	39.4	39.8	39.7	5.76	5.61	5.42
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	422.58	429.35	360.14	43.7	44.4	43.6	9.67	9.67	8.26
Bituminous coal & lignite mining	563.53	539.40	352.88	45.3	43.5	30.9	12.44	12.40	11.42
Nonmetallic minerals, exc. fuels	385.88	382.31	352.34	44.1	44.3	44.6	8.75	8.63	7.90
Communication	440.43	419.36	351.20	41.2	39.6	40.0	10.69	10.59	8.78
Electric, gas, & sanitary services	466.34	455.80	443.75	43.1	43.0	45.7	10.82	10.60	9.71
Electric services	447.92	437.19	452.20	42.7	42.2	47.6	10.49	10.36	9.50
Gas production & distribution	419.68	411.94	412.03	43.9	44.2	46.4	9.56	9.32	8.88
General merchandise stores	166.04	156.60	140.44	30.3	29.0	27.7	5.48	5.40	5.07
Banking	196.02	194.97	186.11	INA	INA	INA	INA	INA	INA
Insurance carriers	248.66	247.29	224.92	INA	INA	INA	INA	INA	INA
Life insurance	229.90	227.19	209.83	INA	INA	INA	INA	INA	INA
Fire, marine & casualty insurance	252.15	249.56	223.65	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1974	$180.97	39.6	$4.57	$203.45	41.1	$4.95	$146.59	37.3	$3.93	$239.61	41.1	$5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1980	294.49	38.8	7.59	332.64	39.6	8.40	236.50	37.6	6.29	399.81	37.4	10.69
1980 Sep	299.15	38.7	7.73	338.98	39.6	8.56	241.88	37.5	6.45	409.09	37.6	10.88
Oct	301.86	38.8	7.78	342.14	39.6	8.64	243.17	37.7	6.45	410.32	37.2	11.03
Nov	312.44	39.4	7.93	354.64	40.3	8.80	248.90	38.0	6.55	432.00	38.4	11.25
Dec	318.79	39.7	8.03	361.82	40.7	8.89	252.98	38.1	6.64	438.08	38.7	11.32
1981 Jan	317.13	39.2	8.09	359.79	40.2	8.95	251.92	37.6	6.70	441.54	38.8	11.38
Feb	318.30	39.2	8.12	362.30	40.3	8.99	251.92	37.6	6.70	439.30	38.2	11.50
Mar	320.72	39.4	8.14	366.12	40.5	9.04	254.02	37.8	6.72	447.74	38.9	11.51
Apr	322.22	39.2	8.22	368.04	40.4	9.11	254.32	37.4	6.80	462.11	39.7	11.64
May	324.66	39.4	8.24	367.03	40.2	9.13	260.99	38.1	6.85	444.65	38.2	11.64
Jun	325.84	39.4	8.27	369.55	40.3	9.17	260.99	38.1	6.85	443.12	38.2	11.60
Jul	324.53	39.1	8.30	366.03	39.7	9.22	262.89	38.1	6.90	440.80	38.0	11.60
Aug	330.17	39.4	8.38	376.27	40.2	9.36	263.20	38.2	6.89	464.01	38.7	11.99
Sep	331.57	39.1	8.48	377.45	39.9	9.46	263.78	37.9	6.96	471.03	38.8	12.14

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1974	$196.24	41.4	$4.74	$209.78	42.9	$4.89	$175.96	39.9	$4.41	$215.54	40.9	$5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1980	309.57	40.1	7.72	338.60	41.7	8.12	287.68	39.9	7.21	356.40	39.6	9.00
1980 Sep	316.41	39.7	7.97	344.86	41.6	8.29	288.51	39.2	7.36	359.33	39.4	9.12
Oct	322.00	40.1	8.03	347.36	41.5	8.37	293.38	39.7	7.39	360.77	39.3	9.18
Nov	331.30	40.7	8.14	358.70	42.3	8.48	304.50	40.6	7.50	374.94	40.1	9.35
Dec	340.31	41.4	8.22	367.22	42.8	8.58	310.43	40.9	7.59	382.18	40.4	9.46
1981 Jan	332.48	40.3	8.25	356.49	41.5	8.59	309.42	40.5	7.64	381.20	40.0	9.53
Feb	334.94	40.5	8.27	359.87	41.7	8.63	314.20	40.7	7.72	372.40	39.2	9.50
Mar	338.20	40.6	8.33	359.92	41.9	8.59	321.03	41.0	7.83	381.60	40.0	9.54
Apr	336.47	40.2	8.37	356.29	41.0	8.69	315.50	40.5	7.79	377.06	39.4	9.57
May	343.40	40.4	8.50	364.79	41.5	8.79	317.87	40.7	7.81	384.87	39.8	9.67
Jun	351.29	40.8	8.61	368.26	41.8	8.81	317.12	40.5	7.83	392.98	40.1	9.80
Jul	338.70	39.8	8.51	366.80	41.4	8.86	313.22	39.9	7.85	401.58	39.8	10.09
Aug	346.40	40.0	8.66	373.63	41.7	8.96	321.20	40.2	7.99	401.39	39.9	10.06
Sep	345.23	39.5	8.74	372.60	41.4	9.00	317.59	39.6	8.02	401.32	39.5	10.16

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1974	$171.68	40.3	$4.26	$124.74	37.8	$3.30	$103.02	32.6	$3.16	$189.52	38.0	$4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.28	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1980	274.33	39.7	6.91	192.89	38.5	5.01	153.12	32.1	4.77	284.56	37.1	7.67
1980 Sep	286.63	40.2	7.13	197.10	38.8	5.08	151.63	31.2	4.86	294.00	37.5	7.84
Oct	280.50	39.9	7.03	197.49	38.8	5.09	158.57	32.1	4.94	295.13	37.5	7.87
Nov	290.50	40.8	7.12	200.46	39.0	5.14	158.54	31.9	4.97	299.75	37.8	7.93
Dec	297.02	40.8	7.28	200.85	39.0	5.15	160.96	32.0	5.03	313.95	39.0	8.05
1981 Jan	297.41	40.3	7.38	203.37	38.3	5.31	161.41	31.9	5.06	305.80	37.8	8.09
Feb	300.17	40.4	7.43	205.35	38.6	5.32	161.14	32.1	5.02	304.94	37.6	8.11
Mar	299.09	40.2	7.44	206.12	38.6	5.34	166.62	32.8	5.08	307.31	37.8	8.13
Apr	297.83	39.5	7.54	207.13	38.5	5.38	163.57	31.7	5.16	311.76	38.3	8.14
May	311.60	41.0	7.60	210.92	38.7	5.45	168.35	32.5	5.18	312.19	38.4	8.13
Jun	309.78	40.6	7.63	210.14	38.7	5.43	169.06	32.7	5.17	317.34	38.7	8.20
Jul	310.90	40.8	7.62	203.04	37.6	5.40	170.65	33.2	5.14	316.74	38.3	8.27
Aug	308.30	40.3	7.65	209.59	37.9	5.53	175.62	34.1	5.15	321.54	38.6	8.33
Sep	308.37	40.1	7.69	210.55	37.8	5.57	173.49	33.3	5.21	324.94	38.5	8.44

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1970	$131.71	39.2	$3.36	119.1	116.3	$113.25	$ 18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	247.0	119.23	175.26

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980
MANUFACTURING	931.0	927.1	927.8	36,380.6	36,523.0	35,926.4	308,263.8	306,194.5	277,773.9
DURABLE GOODS	552.0	549.4	552.3	22,016.6	22,078.4	21,858.1	208,232.4	206,667.6	187,085.9
NONDUR. GOODS	379.0	377.7	375.5	14,364.0	14,444.6	14,068.3	100,031.4	99,526.9	90,688.0

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Group

(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.9	809.7	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,367.8	827.6	21.9	20.1	63.7	199.2	112.6	137.8
1979	1,386.7	853.8	23.0	20.2	64.7	204.1	118.0	141.2
1980	1,328.0	814.0	21.0	19.1	58.8	190.8	113.7	141.4
1980 Sep.	1,300.8	789.6	20.7	19.7	57.8	183.1	112.1	139.8
Oct.	1,308.7	795.9	21.2	18.6	57.5	186.0	112.4	139.1
Nov.	1,310.1	800.9	20.9	18.6	57.7	188.3	112.6	139.3
Dec.	1,310.4	800.1	20.7	18.7	56.9	189.6	110.4	139.0
1981 Jan.	1,300.2	795.3	19.3	18.7	55.6	190.2	109.5	138.4
Feb.	1,296.7	792.8	19.6	18.6	54.7	190.5	109.5	137.6
Mar.	1,296.3	789.7	20.4	18.4	55.4	189.3	109.3	135.7
Apr.	1,301.3	793.3	21.1	19.0	56.5	191.0	109.3	135.9
May	1,299.3	791.8	21.8	19.0	56.8	190.5	108.9	135.1
Jun.	1,309.0	796.3	21.9	19.0	57.9	191.6	108.6	135.5
Jul.	1,298.9	790.5	22.0	18.5	57.3	191.7	107.1	134.7
Aug.	1,306.4	791.9	22.0	19.2	57.9	189.7	108.6	134.9
Sep.	1,309.0	793.2	21.6	19.6	57.4	189.6	109.0	134.8

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.7	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.3	540.3	99.7	4.0	50.1
1979	127.1	87.3	42.9	25.3	532.9	99.3	3.6	47.1
1980	124.3	80.1	41.6	23.2	514.0	97.2	3.3	44.1
1980 Sep.	121.5	72.6	39.6	22.7	511.2	98.3	3.3	43.4
Oct.	121.7	77.1	39.6	22.7	512.8	100.1	3.3	44.3
Nov.	122.2	77.4	41.4	22.5	509.2	97.1	3.3	44.4
Dec.	122.7	78.8	41.4	21.9	510.3	99.5	3.4	44.8
1981 Jan.	121.2	78.6	41.7	22.1	504.9	96.4	3.3	44.2
Feb.	* 120.2	78.0	41.7	22.4	503.9	95.0	3.3	43.7
Mar.	119.6	77.0	41.8	22.8	506.6	94.6	3.3	43.1
Apr.	119.6	76.0	42.0	22.9	508.0	93.9	3.2	44.2
May	119.2	75.9	41.8	22.8	507.5	93.8	3.2	44.1
Jun.	120.8	75.3	42.0	23.7	512.7	94.1	3.2	44.9
Jul.	119.3	74.8	41.5	23.6	508.4	95.8	3.0	44.7
Aug.	120.4	74.6	41.5	23.1	514.5	96.8	3.2	44.8
Sep.	121.2	75.1	41.3	23.6	515.8	96.5	3.3	45.3

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)

Industry Group

(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	134.6	61.0	44.4	71.3	59.9	17.3	39.9	19.3
1979	128.6	59.9	44.6	72.2	61.0	17.3	41.8	17.3
1980	124.2	56.3	42.4	72.2	60.8	16.4	37.6	15.9
1980 Sep.	123.7	54.5	42.1	72.0	60.1	16.7	35.9	15.7
Oct.	123.3	54.5	41.9	71.9	60.1	16.3	35.9	15.7
Nov.	122.1	54.4	42.2	72.1	60.4	16.1	35.8	15.7
Dec.	120.3	54.0	41.7	72.5	60.2	16.0	36.2	15.7
1981 Jan.	119.4	54.3	41.7	72.2	60.0	15.9	36.2	15.6
Feb.	120.7	54.6	* 40.7	72.3	60.4	15.8	36.4	15.6
Mar.	122.8	55.9	41.7	72.6	60.7	16.1	36.1	15.6
Apr.	123.1	56.0	41.7	73.0	60.6	16.2	36.2	15.9
May	122.1	54.5	42.0	72.8	61.0	16.5	36.0	16.0
Jun.	122.9	54.1	43.0	73.2	61.8	16.8	36.9	15.9
Jul.	119.2	53.0	42.6	72.9	61.4	17.0	36.4	15.4
Aug.	123.6	54.6	43.2	72.8	61.2	16.9	36.5	15.5
Sep.	125.5	55.9	43.2	72.8	61.0	16.5	36.1	15.6

TABLE 12. SELECTED PENNSYLVANIA INDICES

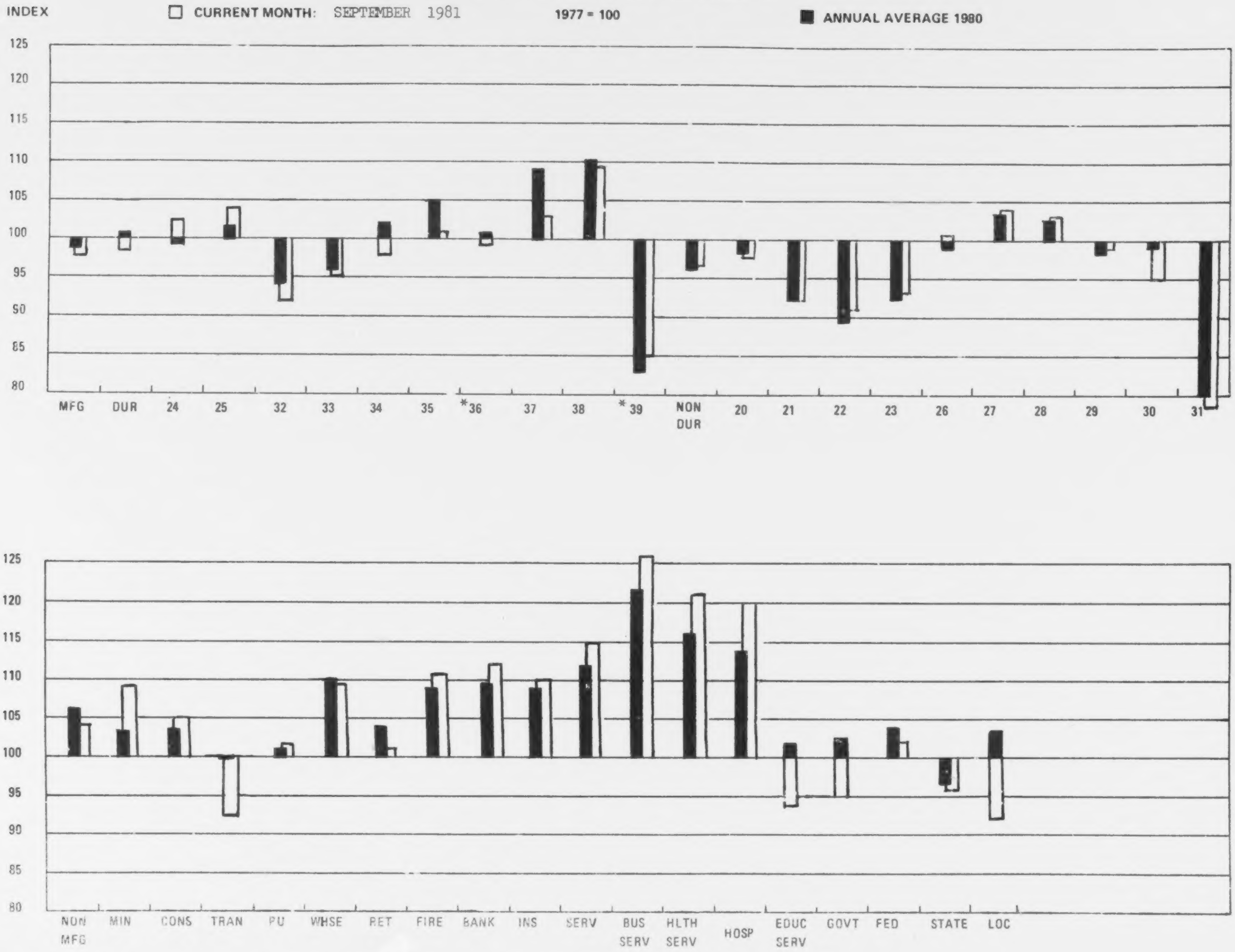
(Not Adjusted)

1977 = 100

Industry Group	1981		1980		ANNUAL AVERAGE	
	Sept.	Aug.	Sept.		1980	1979
EMPLOYMENT						
All Manufacturing	97.5	97.3	96.9		99.0	103.3
Primary Metals	95.0	95.0	91.7		95.6	102.3
Apparel	93.7	92.2	92.3		92.7	96.0
All Nonmanufacturing	104.4	104.9	105.6		106.2	106.1
Construction	104.7	107.2	110.8		103.5	111.0
Retail Trade	100.8	100.5	103.7		137.9	105.0
Services	114.7	114.4	113.9		112.4	109.6
Government	94.7	97.4	95.8		102.4	101.4

NONAGRICULTURAL JOB INDICES (Not seasonally adjusted)

Showing the increase or decrease in jobs in the various industries.



*Due to extensive industrial code changes, trend is not strictly comparable with the base year.

TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES MAJOR LABOR MARKET AREAS

(Per 100 Employees)

AUGUST 1981

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Aug. 1981	Jul. 1981	Aug. 1980	Aug. 1981	Jul. 1981	Aug. 1980	Aug. 1981	Jul. 1981	Aug. 1980
PENNSYLVANIA	1,306.4	3.5	3.4	4.1	1.7	1.4	1.4	1.6	1.8	2.5
ALLENTOWN-BETHLEHEM-EASTON	106.1	3.1	3.4	3.5	1.6	1.4	1.5	1.2	1.8	1.7
ALTOONA	13.1	1.4	3.8	2.3	1.1	1.4	1.5	0.2	2.3	0.8
ERIE	40.5	4.0	2.7	2.7	2.8	1.4	1.0	0.9	0.8	1.2
HARRISBURG	42.8	1.9	3.2	3.4	1.3	1.9	2.0	0.4	1.1	1.2
JOHNSTOWN	17.7	4.6	4.8	1.3	1.2	1.5	0.4	2.8	3.1	0.9
LANCASTER	60.2	2.6	2.1	3.8	2.0	1.2	1.7	0.5	0.7	1.8
NORTHEAST	70.7	4.0	4.1	5.8	1.9	1.4	2.1	1.8	2.5	3.3
SCRANTON	28.1	5.5	3.9	6.2	2.3	1.4	2.2	3.1	2.4	3.9
WILKES-BARRE-HAZLETON	37.7	3.2	4.5	5.6	2.0	1.5	2.2	0.9	2.8	3.0
PHILADELPHIA	431.9	3.2	3.1	3.2	1.7	1.5	1.6	1.3	1.4	1.3
PITTSBURGH	238.9	3.1	3.0	5.0	0.8	0.7	0.7	2.0	1.9	4.0
READING	54.4	4.9	4.2	6.5	2.3	1.9	2.1	2.5	2.2	4.3
WILLIAMSPORT	15.8	1.7	1.4	2.5	0.8	0.7	1.2	0.8	0.6	1.1
YORK	66.4	3.8	4.3	5.0	2.1	1.8	1.7	1.4	2.1	2.9

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Aug. 1981	Jul. 1981	Aug. 1980	Aug. 1981	Jul. 1981	Aug. 1980	Aug. 1981	Jul. 1981	Aug. 1980
PENNSYLVANIA	1,306.4	3.6	3.7	4.5	1.4	0.8	1.4	1.5	2.2	2.3
ALLENTOWN-BETHLEHEM-EASTON	106.1	3.0	3.9	4.5	1.3	0.9	1.3	0.9	2.3	2.4
ALTOONA	13.1	2.6	2.9	3.1	1.5	0.7	1.5	0.9	1.9	1.0
ERIE	40.5	3.7	2.4	3.2	2.0	0.7	1.0	0.4	0.9	1.3
HARRISBURG	42.8	3.0	3.1	3.3	1.3	0.9	2.0	1.0	1.5	0.7
JOHNSTOWN	17.7	4.9	5.7	1.4	0.7	0.7	0.8	3.1	4.1	0.3
LANCASTER	60.2	2.5	2.4	4.7	1.7	1.1	2.3	0.2	0.7	1.7
NORTHEAST	70.7	3.8	5.3	4.3	1.6	1.0	1.6	1.6	3.8	2.1
SCRANTON	28.1	3.1	6.2	3.4	1.6	1.1	1.6	1.1	4.8	1.4
WILKES-BARRE-HAZLETON	37.7	4.1	5.0	5.1	1.4	1.1	1.6	1.9	3.4	2.9
PHILADELPHIA	431.9	3.4	3.6	3.8	1.4	0.9	1.7	1.1	2.0	1.3
PITTSBURGH	238.9	3.8	3.1	5.7	0.8	0.3	0.8	2.1	1.9	3.9
READING	54.4	3.3	4.2	3.5	1.6	1.2	1.7	0.9	2.4	1.1
WILLIAMSPORT	15.8	2.5	1.7	9.0	0.8	0.2	1.0	1.4	0.9	7.4
YORK	66.4	3.5	3.2	3.3	2.1	1.1	1.8	0.6	1.4	0.9

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980
PENNSYLVANIA	$331.57	$330.17	$299.15	39.1	39.4	38.7	$ 8.48	$ 8.38	$7.73
ALLENTOWN-BETHLEHEM-EASTON	336.49	336.78	307.04	38.5	38.8	38.0	8.74	8.68	8.08
ALTOONA	280.91	280.86	263.31	38.8	38.9	39.3	7.24	7.22	6.70
ERIE	350.73	350.99	321.18	40.5	41.1	40.4	8.66	8.54	7.95
HARRISBURG	302.62	310.87	294.03	38.6	39.5	40.5	7.84	7.87	7.26
JOHNSTOWN	326.90	335.02	311.07	38.1	37.6	36.9	8.58	8.91	8.43
LANCASTER	287.04	281.25	260.17	39.0	38.9	39.6	7.36	7.23	6.57
NORTHEAST	232.23	231.84	218.65	36.4	36.8	36.2	6.38	6.30	6.04
SCRANTON	233.60	230.89	215.16	37.8	38.1	36.1	6.18	6.06	5.96
WILKES-BARRE-HAZLETON	231.16	232.92	220.70	35.4	36.0	36.3	6.53	6.47	6.08
PHILADELPHIA	332.99	334.76	309.64	39.5	39.9	39.8	8.43	8.39	7.78
PITTSBURGH	416.31	420.16	368.94	39.8	40.4	39.0	10.46	10.40	9.46
READING	303.81	303.40	281.71	39.0	39.3	39.4	7.79	7.72	7.15
WILLIAMSPORT	304.55	302.51	275.73	39.5	39.7	39.0	7.71	7.62	7.07
YORK	310.02	310.58	276.69	40.9	41.3	40.1	7.58	7.52	6.90

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	Sept. 1981		Aug. 1981		Sept. 1980	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	7.3	7.5	7.2	7.2	7.1	7.4
PENNSYLVANIA	8.2	8.2	7.7	7.6	7.9	8.0
ALLENTOWN-BETH-EASTON	7.4	7.6	7.6	7.2	7.2	7.4
ALTOONA	12.4	12.8	10.8	11.7	9.4	9.7
ERIE	9.5	10.0	9.0	9.4	9.3	9.7
HARRISBURG	5.9	5.9	5.7	5.7	5.9	5.8
JOHNSTOWN	11.6	11.8	10.9	10.5	11.9	12.1
LANCASTER	4.9	4.9	4.8	5.1	5.6	5.6
NORTHEAST	9.0	9.5	9.3	9.9	9.3	9.7
SCRANTON	7.2	7.7	7.9	8.4	8.4	9.1
W BARRE-HAZLETON	10.4	10.7	10.5	11.0	9.8	10.1
PHILADELPHIA	8.0	7.6	7.6	7.2	7.1	6.8
PITTSBURGH	7.2	7.3	6.3	6.5	7.9	8.0
POTTSVILLE	9.2	-	9.2	-	9.0	-
READING	7.1	7.4	7.0	7.0	7.4	7.8
UNIONTOWN-CONNELLSVLE	13.0	-	9.9	-	13.0	-
WILLIAMSPORT	11.8	12.6	11.1	11.9	10.4	11.2
YORK	7.5	8.1	7.0	6.7	6.6	7.1

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980
UNITED STATES	105,964.0	107,771.0	104,720.0	98,277.0	100,013.0	97,256.0	7,687.0	7,758.0	7,464.0
PENNSYLVANIA	5,394.0	5,530.0	5,382.0	4,953.0	5,103.0	4,954.0	441.0	427.0	427.0
ALLENTOWN-BETH-EASTON	307.2	311.0	303.8	284.6	287.3	282.0	22.6	23.7	21.8
ALTOONA	57.7	58.7	60.4	50.5	52.4	54.7	7.2	6.3	5.7
ERIE	124.1	125.7	127.5	112.3	114.4	115.7	11.8	11.3	11.8
HARRISBURG	228.8	236.0	220.5	215.2	222.7	207.6	13.6	13.4	13.0
JOHNSTOWN	104.4	107.3	109.4	92.3	95.6	96.4	12.2	11.7	13.1
LANCASTER	181.2	187.8	178.3	172.3	178.8	168.4	8.9	9.1	9.9
NORTHEAST	280.2	293.4	286.1	254.9	266.0	259.5	25.3	27.4	26.6
SCRANTON	101.4	106.6	104.6	94.1	98.2	95.7	7.3	8.4	8.8
W BARRE-HAZLETON	152.8	159.5	154.5	136.8	142.8	139.3	15.9	16.7	15.2
PHILADELPHIA	2,133.7	2,182.8	2,136.2	1,964.1	2,016.7	1,985.5	169.7	166.0	150.7
PITTSBURGH	1,027.5	1,052.5	1,019.5	953.6	986.2	938.8	73.9	66.3	80.7
POTTSVILLE	64.3	65.6	66.8	58.4	59.6	60.8	5.9	6.1	6.0
READING	159.6	161.5	155.7	148.3	150.2	144.1	11.3	11.3	11.6
UNIONTOWN-CONNELLSVLE	59.6	59.9	60.2	51.8	54.0	52.4	7.7	5.9	7.8
WILLIAMSPORT	52.7	53.7	53.3	46.5	47.7	47.7	6.2	6.0	5.5
YORK	180.1	182.4	176.4	166.6	169.7	164.8	13.5	12.7	11.7

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

1/ STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	1/ Nonagricultural Wage and Salary			Private Sector *		
	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980
UNITED STATES	92,026.0	91,626.0	90,638.0	76,600.0	76,473.0	74,797.0
PENNSYLVANIA	4,699.4	4,691.7	4,737.1	4,000.7	3,996.5	4,022.6
ALLENTOWN-BETHLEHEM-EASTON	265.1	260.3	263.8	236.3	235.7	235.2
ALTOONA	49.4	49.7	50.3	42.4	42.5	42.6
ERIE	110.8	109.6	112.8	99.6	99.0	99.6
HARRISBURG	223.5	224.5	220.7	166.7	167.7	165.2
JOHNSTOWN	82.8	82.9	84.5	68.8	69.3	69.5
LANCASTER	153.6	154.1	153.8	140.8	141.1	139.4
NORTHEAST	237.2	240.5	239.8	201.8	202.3	202.6
SCRANTON	84.7	85.6	87.1	73.8	73.9	75.1
WILKES-BARRE-HAZLETON	122.1	123.7	122.4	105.2	104.8	104.5
PHILADELPHIA	1,901.4	1,904.4	1,896.4	1,611.9	1,605.5	1,605.8
PITTSBURGH	948.6	952.9	946.6	829.7	833.0	820.0
POTTSVILLE	45.9	45.8	48.0	39.1	38.7	40.5
READING	142.8	139.8	139.5	126.1	125.7	123.5
UNIONTOWN-CONNELLSVILLE	34.3	35.0	35.1	29.6	29.3	28.7
WILLIAMSPORT	46.2	46.0	47.6	40.0	40.2	41.1
YORK	157.1	156.2	157.0	139.7	139.5	139.3

Area	Manufacturing			Nonmanufacturing		
	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980
UNITED STATES	20,665.0	20,486.0	20,212.0	71,361.0	71,140.0	70,426.0
PENNSYLVANIA	1,309.0	1,306.4	1,300.8	3,365.0	3,382.6	3,402.9
ALLENTOWN-BETHLEHEM-EASTON	106.6	106.1	107.0	158.2	154.0	155.9
ALTOONA	13.2	13.1	12.5	36.2	36.6	37.7
ERIE	41.5	40.5	40.8	68.8	68.6	71.4
HARRISBURG	42.8	42.8	42.3	180.7	181.7	178.4
JOHNSTOWN	17.1	17.7	17.8	65.5	65.0	65.6
LANCASTER	60.5	60.2	58.9	93.1	93.9	94.9
NORTHEAST	70.8	70.7	71.2	166.4	169.6	168.6
SCRANTON	28.3	28.1	28.1	56.4	57.4	59.0
WILKES-BARRE-HAZLETON	37.6	37.7	38.3	84.5	85.9	84.1
PHILADELPHIA	432.4	431.9	432.3	1,447.0	1,471.8	1,439.2
PITTSBURGH	237.0	238.9	230.8	710.5	713.2	712.8
POTTSVILLE	19.8	19.9	20.2	25.9	25.7	27.8
READING	54.9	54.4	53.9	87.9	85.4	85.4
UNIONTOWN-CONNELLSVILLE	7.1	7.0	6.7	26.9	27.9	28.3
WILLIAMSPORT	15.8	15.8	16.6	30.4	30.2	31.0
YORK	66.6	66.4	65.6	90.5	89.8	91.3

* Excludes Government employment

S6845-1

PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

NOVEMBER 1981

Vol. XXVI No. 11

JOB
SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY BUREAU OF EMPLOYMENT SECURITY
BUR-652 REV 6-81
In cooperation with the U.S. Department of Labor, Bureau of Labor Statistics

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing, to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
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Issued: November 1981 Reference: Mid-October

PENNSYLVANIA EMPLOYMENT AND EARNINGS

OCTOBER 1981

The volume of unemployment for Pennsylvania in October, not adjusted for seasonal influences, was 467,000, an increase from September's level of 441,000. The unadjusted rate of unemployment in October was 8.5 percent of the civilian labor force, up 0.3 percentage points from the rate in September.

Pennsylvania's seasonally adjusted volume of unemployment in October was 470,000, a rise of 27,000 from the level in September. Associated with this, October's seasonally adjusted rate of unemployment was 8.6 percent of the civilian labor force, an increase from the 8.2 percent rate in September.

Pennsylvania had the third highest rate of unemployment among the ten largest states in the nation, behind Ohio at 10.4 percent and Michigan at 12.7 percent.

Manufacturing industries were the most affected by the decline in economic activity, particularly the steel and textile industries. In steel, based on claims for unemployment insurance benefits, the number of newly unemployed more than doubled from September to October.

Nationwide, October's seasonally adjusted rate of unemployment was 8.0 percent of the civilian labor force, up 0.5 percentage points from the rate in September. This was the highest seasonally adjusted rate for the nation since December 1975. The unadjusted rate was 7.5 percent, a rise from September's rate of 7.3 percent.

MANUFACTURING HITS NEW LOW

Employment continued to diminish in Pennsylvania factories. More than 21,000 jobs went by the board in October as erosion in the economy brought the total job count for manufacturing industries to its lowest level in four decades. The reason for this is twofold: the short term consequences of the current economic instability; and the long range effect of the gradual shift in Pennsylvania's industrial structure from an emphasis on manufacturing to nonmanufacturing.

Almost 78 percent of job cutbacks occurred in durable industries, with every industry group reporting a downturn. Most noticeable was a minus 4,800 in PRIMARY METALS. TRANSPORTATION EQUIPMENT and FABRICATED METALS followed, cutting back 4,200 and 2,100 respectively. On the whole, jobs in the durable group were nearly 20,000 lower than last October.

In nondurables, APPAREL took the most sizable job slice--down 1,700--followed by TEXTILES, with another 1,200. Only PUBLISHING and CHEMICALS fell on the plus side, managing between them to eke out five hundred jobs.

Average hourly earnings in the factory group dropped five cents, marking the first negative movement in nearly two years. The average workweek remained unchanged over the month at 39.2 hours.

The reduction in hourly earnings to $8.43 was principally influenced by PRIMARY METALS where earnings and hours fell off very sharply. The steel industry lost 1.2 hours working time, with a resultant drop of thirty-two cents an hour. LUMBER industries, also, reported a severe cutback in hours. Conversely, ELECTRICAL MACHINERY added an hour. In nondurables, PETROLEUM and CHEMICALS each lost better than a half-hour in weekly production time.

Nationwide, the factory worker averaged $8.14 an hour for a 39.5 hour workweek.

NONMANUFACTURING JOBS GAIN DURING OCTOBER

Non-factory jobs totaled 3,395,500 in mid-October, up 47,000 from the previous month. This showing although better than average for a September to October period was somewhat under that for the same period last year.

GOVERNMENT, SERVICES and RETAIL TRADE played the principal hiring roles. MINING, PUBLIC UTILITIES and FINANCE, INSURANCE AND REAL ESTATE accounted for the only downturn in October, collectively dropping two thousand jobs. Among the subdivisions, EDUCATION, both private and public, provided most of the seasonal job gains during October. Many schools were not in full swing in time for the gain to be reflected in September estimates.

Despite the upsurge in October, non-factory jobs were still more than 60,000 below the year ago level.

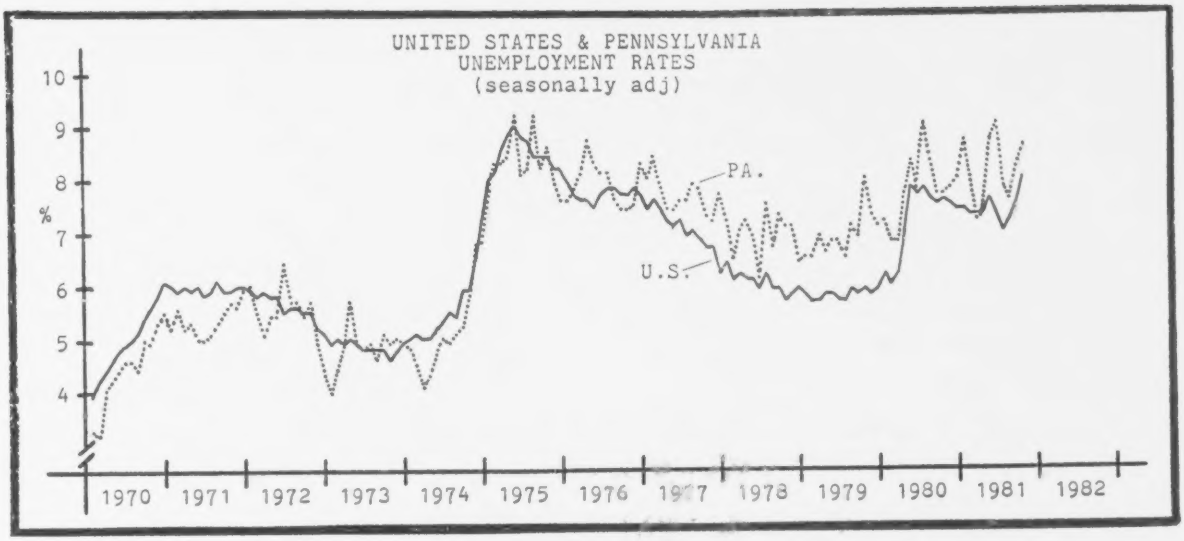


Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,828	4,610	218	4.5		82,715	78,627	4,088	4.9	
1971	4,801	4,542	260	5.4		84,113	79,120	4,993	5.9	
1972	4,870	4,607	264	5.4		86,542	81,702	4,840	5.6	
1973	4,988	4,747	241	4.8		88,714	84,409	4,304	4.9	
1974	5,036	4,778	258	5.1		91,011	85,935	5,076	5.6	
1975	5,068	4,646	421	8.3		92,613	84,783	7,830	8.5	
1976	5,094	4,690	404	7.9		94,773	87,485	7,288	7.7	
1977	5,165	4,767	398	7.7		97,401	90,546	6.855	7.0	
1978	5,255	4,891	364	6.9		100,420	94,373	6,047	6.0	
1979	5,296	4,930	366	6.9		102,908	96,945	5,963	5.8	
1980	5,368	4,950	417	7.8		104,719	97,270	7,448	7.1	
1980 Oct.	5,447	5,031	416	7.6	7.7	105,415	97,933	7,482	7.1	7.6
Nov.	5,440	5,028	412	7.6	7.9	105,287	97,801	7,486	7.1	7.5
Dec.	5,341	4,938	403	7.5	8.0	104,778	97,545	7,233	6.9	7.4
1981 Jan.	5,366	4,876	490	9.1	8.7	104,671	96,128	8,543	8.2	7.4
Feb.	5,324	4,867	456	8.6	8.0	104,808	96,383	8,425	8.0	7.3
Mar.	5,420	4,993	426	7.9	7.2	105,405	97,318	8,087	7.7	7.3
Apr.	5,344	4,975	370	6.9	7.3	105,678	98,282	7,396	7.0	7.3
May	5,398	4,979	419	7.8	8.7	106,347	98,803	7.545	7.1	7.6
Jun.	5,447	4,943	505	9.3	9.0	107.621	99,341	8,279	7.7	7.3
Jul.	5,544	5,095	448	8.1	7.9	108,408	100,474	7,934	7.3	7.0
Aug.	5,530	5,103	427	7.7	7.6	107,771	100,013	7,758	7.2	7.2
Sep.	5,394	4,953	441	8.2	8.2	105,964	98,277	7,687	7.3	7.5
Oct.	5,472	5,005	467	8.5	8.6	106,926	98,902	8,024	7.5	8.0

DATA IN THIS PUBLICATION ARE ARRANGED ACCORDING TO THE 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL. EMPLOYMENT DATA, BEGINNING WITH 1979, ARE BENCHMARKED TO FIRST QUARTER 1980. PRIOR YEARS ARE NOT, THEREFORE, STRICTLY COMPARABLE.

On all tables the most recent month's data are preliminary. They are subject to revision.

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From--	
	Oct. 1981	Sept. 1981	Oct. 1980	Sept. 1981	Oct. 1980
TOTAL CIVILIAN LABOR FORCE	5,472.0	5,394.0	5,447.0	78.0	25.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	467.0	441.0	416.0	26.0	51.0
% CIVILIAN LABOR FORCE	8.5	8.2	7.6	0.3	0.9
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	470.0	443.0	420.0	27.0	50.0
% CIVILIAN LABOR FORCE	8.6	8.2	7.7	0.4	0.9
TOTAL EMPLOYMENT	5,005.0	4,953.0	5,031.0	52.0	-26.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From--	
	Oct. 1981	Sept. 1981	Oct. 1980	Sept. 1981	Oct. 1980
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,705.0	4,680.7	4,772.7	24.3	-67.7
LABOR-MANAGEMENT DISPUTES	24.0	25.1	8.1	-1.1	15.9
ALL MANUFACTURING INDUSTRIES	1,285.5	1,307.0	1,308.7	-21.5	-23.2
TOTAL NONMANUFACTURING INDUSTRIES	3,395.5	3,348.6	3,455.9	46.9	-60.4
Mining	51.7	52.3	49.0	-0.6	2.7
Anthracite	3.6	3.7	3.5	-0.1	0.1
Bituminous	38.6	38.9	36.3	-0.3	2.3
Nonmetallic minerals	4.4	4.6	4.6	-0.2	-0.2
Contract Construction	192.1	191.9	203.9	0.2	-11.8
General building	54.0	53.5	56.1	0.5	-2.1
Heavy construction	38.8	38.7	42.2	0.1	-3.4
Special trades	99.3	99.7	105.6	-0.4	-6.3
Transportation	150.0	149.8	158.9	0.2	-8.9
Railroads	38.3	38.3	41.7	0.0	-3.4
Public Utilities	102.6	102.7	103.2	-0.1	-0.6
Communications	53.3	53.3	54.7	0.0	-1.4
Electric, gas & sanitary service	49.3	49.4	48.5	-0.1	0.8
Electric systems	24.7	24.7	24.1	0.0	0.6
Gas production	9.7	9.8	9.7	-0.1	0.0
Wholesale trade	242.1	241.7	245.6	0.4	-3.5
Retail trade	736.2	724.5	753.2	11.7	-17.0
General merchandise stores	116.6	113.9	119.3	2.7	-2.7
Department stores	102.9	100.5	105.5	2.4	-2.6
Finance, insurance & real estate	239.5	240.8	238.2	-1.3	1.3
Banking	81.3	81.4	79.2	-0.1	2.1
Commercial & stock savings	74.6	74.7	72.8	-0.1	1.8
Credit agencies & securities	30.5	30.8	30.7	-0.3	-0.2
Insurance	70.3	70.4	70.2	-0.1	0.1
Life insurance	27.1	27.2	26.8	-0.1	0.3
Fire, marine & casualty	29.0	29.1	29.3	-0.1	-0.3
Services	1,007.7	991.0	977.2	16.7	30.5
Business services	136.1	135.6	131.5	0.5	4.6
Health services	334.1	332.1	321.9	2.0	12.2
Nursing & personal care	51.2	51.1	51.0	0.1	0.2
Hospitals	208.1	206.4	196.8	1.7	11.3
Educational service	127.8	108.3	121.8	19.5	6.0
Miscellaneous services	48.5	48.5	47.7	0.0	0.8
Engineering & architectural	30.9	30.7	30.4	0.2	0.5
Government	673.6	653.9	726.7	19.7	-53.1
Federal	130.6	129.7	128.6	0.9	2.0
State & local	543.0	524.2	598.1	18.8	-55.1

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manu-facturing	Total Non-Manu-facturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.2	3,854.3	1,314.9	3,223.3	48.0	183.9	938.9	221.7	717.2
1978	4,719.6	3,995.6	1,367.8	3,351.7	46.8	200.1	983.7	230.8	752.9
1979	4,806.8	4,086.1	1,386.7	3,420.1	51.7	204.2	992.5	239.4	753.1
1980	4,753.0	4,025.2	1,328.0	3,424.9	49.5	190.3	988.9	244.5	744.4
1980 Oct.	4,764.6	4,037.9	1,308.7	3,455.9	49.0	203.0	998.8	245.6	753.2
Nov.	4,772.9	4,039.6	1,310.1	3,462.8	50.1	195.5	1,006.6	246.2	760.4
Dec.	4,765.0	4,028.2	1,310.4	3,454.6	49.5	181.1	1,014.0	246.6	767.4
1981 Jan.	4,657.9	3,935.1	1,300.2	3,357.7	48.9	156.8	974.9	244.9	730.0
Feb.	4,661.6	3,926.3	1,296.7	3,364.9	48.8	157.2	964.9	243.3	721.6
Mar.	4,684.0	3,948.4	1,296.3	3,387.7	48.4	165.8	968.7	242.6	726.1
Apr.	4,694.9	3,961.2	1,301.3	3,393.6	* 27.5	177.7	976.8	243.6	733.2
May	4,710.2	3,973.7	1,299.3	3,410.9	* 26.2	181.4	983.3	243.3	740.0
Jun.	4,743.2	4,011.9	1,309.0	3,434.2	50.3	190.3	975.5	244.4	731.1
Jul.	4,688.2	3,988.4	1,298.9	3,389.3	51.4	195.8	966.7	242.7	724.0
Aug.	4,689.0	3,996.5	1,306.4	3,382.6	51.6	197.2	964.4	242.9	721.5
Sep.	4,655.6	4,001.7	1,307.0	3,348.6	52.3	191.9	966.2	241.7	724.5
Oct.	4,681.0	4,007.4	1,285.5	3,395.5	51.7	192.1	978.3	242.1	736.2

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.9	137.6	514.4
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.7	136.4	522.4
1974	161.1	104.4	207.3	773.6	154.9	618.7	682.0	136.6	545.4
1975	154.0	102.5	207.3	798.5	159.8	638.7	721.4	134.4	587.0
1976	155.4	101.1	211.4	839.7	165.5	674.2	722.1	131.7	590.4
1977	160.9	100.7	217.5	862.5	171.1	691.4	710.9	128.1	582.8
1978	165.7	100.9	226.6	903.9	177.9	726.0	724.1	129.5	594.5
1979	170.7	101.7	233.7	945.0	185.3	759.7	720.7	130.8	589.9
1980	160.9	101.8	236.7	969.1	194.2	774.9	727.7	133.5	594.2
1980 Oct.	158.9	103.2	238.2	977.2	196.8	780.4	726.7	128.6	598.1
Nov.	158.7	103.2	238.4	977.0	197.4	779.6	733.3	129.4	603.9
Dec.	156.9	103.0	238.1	975.2	197.7	777.5	736.8	128.5	608.3
1981 Jan.	152.4	102.9	238.0	961.0	198.5	762.5	722.8	128.7	594.1
Feb.	153.9	102.1	237.6	965.1	199.0	766.1	735.3	128.3	607.0
Mar.	152.8	102.5	237.9	976.0	200.0	776.0	735.6	128.7	606.9
Apr.	152.4	102.0	239.4	984.1	200.6	783.5	733.7	129.3	604.4
May	150.9	102.1	240.9	989.6	201.7	787.9	736.5	130.4	606.1
Jun.	150.3	103.3	243.2	990.0	205.2	784.8	731.3	132.3	599.0
Jul.	142.3	103.8	243.7	985.8	205.7	780.1	699.8	133.3	566.5
Aug.	142.5	104.0	242.9	987.5	206.3	781.2	692.5	132.4	560.1
Sep.	149.8	102.7	240.8	991.0	206.4	784.6	653.9	129.7	524.2
Oct.	150.0	102.6	239.5	1,007.7	208.1	799.6	673.6	130.6	543.0

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

SEPTEMBER 1981

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980
All Manufacturing	1,307.0	2.9	3.4	3.7	1.5	1.6	1.5	1.2	1.5	1.9
Durable Goods	792.4	2.4	3.0	3.4	1.0	1.1	0.9	1.2	1.6	2.2
Furniture & Fixtures	19.5	3.8	5.8	3.0	2.7	3.3	1.7	1.0	2.2	1.2
Stone, Clay & Glass Products	57.2	2.1	2.7	3.4	0.7	0.9	0.9	1.2	1.7	2.4
Primary Metal Industries	188.1	3.2	3.2	5.3	0.5	0.6	0.5	2.2	2.2	4.1
Fabricated Metal Products	109.0	2.6	4.0	3.8	1.2	1.4	1.3	1.2	2.4	2.2
Machinery, exc. Electrical	134.7	1.3	1.5	1.6	0.9	0.8	0.9	0.3	0.6	0.6
Electric & Electronic Equip.	121.2	2.6	2.7	3.0	1.3	1.2	1.0	1.0	1.1	1.6
Transportation Equipment	76.0	2.3	3.9	3.2	0.7	1.1	0.6	1.1	2.3	1.9
Instruments & Related Products	41.5	1.3	1.9	1.7	1.1	1.4	1.0	0.2	0.4	0.7
Miscellaneous Manufacturing	23.7	3.1	3.4	2.6	2.3	2.4	1.7	0.7	0.9	0.9
Nondurable Goods	514.6	3.7	4.0	4.2	2.3	2.4	2.4	1.2	1.4	1.6
Food & Kindred Products	96.6	5.9	5.0	4.7	2.7	2.5	2.7	3.0	2.4	1.8
Textile Mill Products	45.1	4.2	5.2	4.5	3.3	2.9	2.8	0.6	2.1	1.5
Apparel & Related Products	125.3	5.2	6.0	6.9	3.5	3.7	3.4	1.3	1.9	3.1
Paper & Allied Products	42.9	1.5	2.2	3.1	1.0	1.4	1.7	0.2	0.6	1.2
Printing & Publishing	72.6	2.5	2.4	2.2	1.9	1.7	1.6	0.5	0.7	0.5
Chemicals & Allied Products	60.7	1.9	1.5	1.5	1.3	1.2	1.1	0.6	0.3	0.4
Petroleum & Coal Products	16.5	0.6	1.1	1.2	0.3	0.9	0.6	0.3	0.1	0.4
Rubber & Plastics Products	36.1	1.9	3.4	3.6	1.1	1.9	2.0	0.6	1.2	1.2
Leather & Leather Products	15.5	4.2	6.4	6.2	3.2	5.1	4.7	0.8	0.8	1.4

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980
All Manufacturing	1,307.0	3.7	3.6	3.8	1.1	1.4	1.1	1.9	1.4	2.0
Durable Goods	792.4	3.5	3.4	3.6	0.7	0.9	0.6	2.1	1.6	2.3
Furniture & Fixtures	19.5	3.0	4.2	4.1	1.0	1.9	1.3	1.2	1.4	2.0
Stone, Clay & Glass Products	57.2	3.6	3.9	3.7	0.6	1.0	0.8	2.3	1.9	2.4
Primary Metal Industries	188.1	5.2	4.4	4.9	0.6	0.7	0.4	3.8	2.8	3.6
Fabricated Metal Products	109.0	4.0	3.6	3.8	0.7	1.0	0.8	2.5	1.9	2.3
Machinery, exc. Electrical	134.7	1.7	2.4	2.1	0.7	0.9	0.7	0.6	1.0	1.0
Electric & Electronic Equip.	121.2	2.6	2.5	2.8	0.9	1.0	0.7	1.2	0.5	1.1
Transportation Equipment	76.0	4.8	2.9	3.9	0.4	0.5	0.5	3.4	1.6	2.5
Instruments & Related Products	41.5	1.2	2.4	1.6	0.6	1.1	0.6	0.2	0.7	0.5
Miscellaneous Manufacturing	23.7	2.9	4.8	4.9	1.2	1.2	0.9	1.1	2.1	3.2
Nondurable Goods	514.6	4.0	4.0	4.1	1.8	2.1	1.8	1.6	1.2	1.7
Food & Kindred Products	96.6	5.4	4.2	4.7	2.0	2.1	2.3	2.6	1.3	1.7
Textile Mill Products	45.1	4.3	4.6	4.6	2.3	2.4	2.5	1.4	1.5	1.5
Apparel & Related Products	125.3	4.7	4.8	5.6	2.5	2.7	2.0	1.4	1.2	2.8
Paper & Allied Products	42.9	3.6	3.2	3.2	1.0	1.7	1.2	2.1	0.9	1.4
Printing & Publishing	72.6	3.0	2.9	2.8	1.5	1.7	1.7	1.1	0.7	0.7
Chemicals & Allied Products	60.7	2.1	2.9	1.9	0.8	1.4	0.7	0.7	0.9	0.8
Petroleum & Coal Products	16.5	2.4	3.9	2.1	0.3	2.5	0.5	1.6	0.6	0.9
Rubber & Plastics Products	36.1	4.0	4.5	3.6	1.6	1.8	1.6	1.8	1.9	1.4
Leather & Leather Products	15.5	4.6	6.3	8.9	3.1	4.0	4.5	0.9	1.5	3.8

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Oct. 1981	Sept. 1981	Oct. 1980	Sept. 1981	Oct. 1980
	TOTAL MANUFACTURING INDUSTRIES	1,285.5	1,307.0	1,308.7	-21.5	-23.2
	TOTAL DURABLE GOODS	776.1	792.4	795.9	-16.3	-19.8
24	Lumber & wood products	20.1	21.5	21.2	-1.4	-1.1
243	Millwork, plywood & structural	7.2	7.5	7.0	-0.3	0.2
	Other lumber & wood products	12.9	14.0	14.2	-1.1	-1.3
25	Furniture & fixtures	19.1	19.5	18.6	-0.4	0.5
251	Household furniture	9.0	9.2	8.9	-0.2	0.1
252	Office furniture	4.7	4.9	4.5	-0.2	0.2
	Other furniture & fixtures	5.4	5.4	5.2	0.0	0.2
32	Stone, clay & glass products	56.5	57.2	57.5	-0.7	-1.0
322	Glass & glassware, pressed or blown	15.0	14.9	14.9	0.1	0.1
3221	Glass containers	7.3	7.3	7.5	0.0	-0.2
3229	Other pressed or blown glass	7.7	7.6	7.4	0.1	0.3
324	Hydraulic cement	2.4	2.4	2.5	0.0	-0.1
325	Structural clay products	6.0	6.2	5.7	-0.2	0.3
326	Pottery & related products	4.6	4.7	4.5	-0.1	0.1
327	Concrete, gypsum & plaster products	7.1	7.2	8.3	-0.1	-1.2
	Other stone, clay & glass products	21.4	21.8	21.6	-0.4	-0.2
33	Primary metal industries	183.3	188.1	186.0	-4.8	-2.7
331	Blast furnace & basic steel products	136.5	140.5	138.3	-4.0	-1.8
3312	Blast furnaces & steel mills	124.6	128.7	126.5	-4.1	-1.9
	Other basic steel products	11.9	11.8	11.8	0.1	0.1
332	Iron & steel foundries	17.9	18.3	19.6	-0.4	-1.7
3321	Gray iron foundries	7.8	8.0	8.0	-0.2	-0.2
3325	Steel foundries, n.e.c.	5.9	6.1	7.3	-0.2	-1.4
3322,4	Malleable iron & steel invest.	4.2	4.2	4.3	0.0	-0.1
335	Nonferrous rolling & drawing	13.7	13.9	13.4	-0.2	0.3
336	Nonferrous foundries	7.4	7.4	6.2	0.0	1.2
	Other primary metal products	7.8	8.0	8.5	-0.2	-0.7
34	Fabricated metal products,(incl. ordnance)	106.9	109.0	112.4	-2.1	-5.5
341	Metal cans & shipping containers	4.3	4.6	4.7	-0.3	-0.4
342	Cutlery, hand tools & hardware	6.0	6.2	6.3	-0.2	-0.3
343	Plumbing & heating exc. electrical	4.0	4.0	3.9	0.0	0.1
344	Fabricated structural metal products	32.1	32.9	35.7	-0.8	-3.6
3441	Fabricated structural metal	6.7	7.3	8.7	-0.6	-2.0
3443	Fabricated plate work (boiler shops)	9.8	9.9	10.9	-0.1	-1.1
	Other fabricated struct. metal products	15.6	15.7	16.1	-0.1	-0.5
345	Screw machine products, bolts, etc.	8.5	8.7	9.0	-0.2	-0.5
346	Metal forgings & stampings	20.6	21.1	21.0	-0.5	-0.4
3462	Iron & steel forgings	5.7	5.7	5.7	0.0	0.0
	Other metal forgings & stampings	14.9	15.4	15.3	-0.5	-0.4
347,8	Metal services & ordnance, n.e.c.	8.3	8.3	8.3	0.0	0.0
349	Misc. fabricated metal products	23.1	23.2	23.5	-0.1	-0.4
3494	Valves & pipe fittings	9.5	9.2	9.5	0.3	0.0
	Other misc. fabricated metal products	13.6	14.0	14.0	-0.4	-0.4
35	Machinery, exc. electrical	133.9	134.7	139.1	-0.8	-5.2
351	Engines & turbines	7.0	7.1	6.9	-0.1	0.1
352	Farm & garden machinery	4.2	4.3	4.7	-0.1	-0.5
353	Construction & related machinery	25.5	25.5	25.6	0.0	-0.1
3531	Construction machinery	8.7	8.7	8.4	0.0	0.3
3535	Conveyors & conveying equipment	3.5	3.5	3.8	0.0	-0.3
	Other construction & related machinery	13.3	13.3	13.4	0.0	-0.1
354	Metal working machinery	20.3	20.7	22.3	-0.4	-2.0
355	Special industry machinery	12.8	12.8	13.8	0.0	-1.0
356	General industrial machinery	26.2	26.3	27.2	-0.1	-1.0
3561	Pumps & pumping equipment	4.3	4.2	4.2	0.1	0.1
3562	Ball & roller bearings	4.0	4.0	3.9	0.0	0.1
3563	Air & gas compressors	4.4	4.4	4.6	0.0	-0.2
3567	Industrial furnaces & ovens	3.4	3.4	3.7	0.0	-0.3
	Other general industrial machinery	10.1	10.3	10.8	-0.2	-0.7

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(cont.) Industry Detail

(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Oct. 1981	Sept. 1981	Oct. 1980	Sept. 1981	Oct. 1980
357	Office and computing machines	13.3	13.3	13.4	0.0	-0.1
358	Refrigeration & service industry machinery	10.4	10.5	11.1	-0.1	-0.7
359	Misc. machinery, exc. electrical	14.2	14.2	14.1	0.0	0.1
36	Electric & electronic equipment	120.7	121.2	121.7	-0.5	-1.0
361	Electric distributing equipment	17.9	18.0	18.9	-0.1	-1.0
3612	Transformers	6.1	6.2	6.3	-0.1	-0.2
3613	Switchgear & switchboard apparatus	11.8	11.8	12.6	-0.0	-0.8
362	Electrical industrial apparatus	24.3	24.4	23.8	-0.1	0.5
363	Household appliances	3.7	3.7	4.1	0.0	-0.4
364	Electric lighting & wiring equipment	20.3	20.3	19.9	0.0	0.4
3643	Current-carrying wiring devices	11.8	11.8	10.8	0.0	1.0
	Other electric light & wiring equipment	8.5	8.5	9.1	0.0	-0.6
366	Communication equipment	9.5	9.4	9.0	0.1	0.5
367	Electronic components & accessories	34.0	34.3	35.5	-0.3	-1.5
3674	Semiconductors & related devices	11.3	11.4	12.1	-0.1	-0.8
	Other electronic components & accessories	22.7	22.9	23.4	-0.2	-0.7
	Other electrical equipment & supplies	11.0	11.1	10.5	-0.1	0.5
37	Transportation equipment	71.8	76.0	77.1	-4.2	-5.3
371	Motor vehicles & equipment	26.8	27.1	24.3	-0.3	2.5
3714	Motor vehicle parts & accessories	9.6	9.6	8.3	0.0	1.3
	Other motor vehicles & equipment	17.2	17.5	16.0	-0.3	1.2
372	Aircraft & parts	9.8	11.5	11.9	-1.7	-2.1
373	Ship & boat building & repairing	5.7	6.1	7.5	-0.4	-1.8
374	Railroad equipment	16.0	17.5	19.6	-1.5	-3.6
	Other transportation equipment	13.5	13.8	13.8	-0.3	-0.3
38	Instruments & related products	40.9	41.5	39.6	-0.6	1.3
382	Measuring & controlling devices	22.7	23.0	20.9	-0.3	1.8
384	Medical instruments & supplies	10.7	10.9	10.9	-0.2	-0.2
	Other instruments & related products	7.5	7.6	7.8	-0.1	-0.3
39	Miscellaneous manufacturing industries	22.9	23.7	22.7	-0.8	0.2
	TOTAL NONDURABLE GOODS	509.4	514.6	512.8	-5.2	-3.4
20	Food & kindred products	96.5	96.6	100.1	-0.1	-3.6
201	Meat products	14.9	15.0	15.6	-0.1	-0.7
2011	Meat packing plants	4.9	5.0	5.1	-0.1	-0.2
2013	Sausages & other prepared meats	5.3	5.4	5.4	-0.1	-0.1
2016,7	Poultry dressing & processing	4.7	4.6	5.1	0.1	-0.4
202	Dairy products	10.5	10.9	10.9	-0.4	-0.4
2026	Fluid milk	6.1	6.4	6.5	-0.3	-0.4
	Other dairy products	4.4	4.5	4.4	-0.1	0.0
203	Preserved fruits & vegetables	13.7	12.9	15.0	0.8	-1.3
2033	Canned fruits & vegetables	6.6	5.5	7.4	1.1	-0.8
	Other preserved fruits & vegetables	7.1	7.4	7.6	-0.3	-0.5
204	Grain mill products	5.1	5.1	5.1	0.0	0.0
205	Bakery products	18.7	18.4	19.1	0.3	-0.4
2051	Bread, cake & related products	14.0	13.8	14.0	0.2	0.0
2052	Cookies & crackers	4.7	4.6	5.1	0.1	-0.4
206	Sugar & confectionery products	15.9	16.0	15.5	-0.1	0.4
2065	Confectionery products	7.6	7.4	6.7	0.2	0.9
2066	Chocolate & cocoa products	6.0	6.2	6.1	-0.2	-0.1
	Other sugar products	2.3	2.4	2.7	-0.1	-0.4
208	Beverages	9.1	9.5	9.8	-0.4	-0.7
	Other food & kindred products	8.6	8.8	9.1	-0.2	-0.5
21	Tobacco manufacturers	3.3	3.3	3.3	0.0	0.0
22	Textile mill products	43.9	45.1	44.3	-1.2	-0.4
222	Weaving mills, synthetics	4.9	5.1	4.9	-0.2	0.0
225	Knitting mills	22.3	22.8	22.1	-0.5	0.2
2253	Knit outerwear mills	12.6	12.6	11.5	0.0	1.1
2254	Knit underwear mills	4.4	4.5	4.7	-0.1	-0.3
	Other knitting mills	5.3	5.7	5.9	-0.4	-0.6
227	Floor covering mills	3.5	3.7	3.7	-0.2	-0.2
228	Yarn & thread mills	3.8	4.0	4.0	-0.2	-0.2
	Other textile mill products	9.4	9.5	9.6	-0.1	-0.2

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(concl.)
Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Oct. 1981	Sept. 1981	Oct. 1980	Sept. 1981	Oct. 1980
23	Apparel & other textile products	123.6	125.3	123.3	-1.7	0.3
231	Men's & boys' suits & coats	16.0	16.3	16.3	-0.3	-0.3
232	Men's & boys' furnishings	21.2	21.6	21.4	-0.4	-0.2
2321	Men's & boys' shirts & nightwear	7.7	7.6	7.7	0.1	0.0
2327	Men's & boys' separate trousers	5.1	5.2	5.2	-0.1	-0.1
	Other furnishings and work clothing	8.4	8.8	8.5	-0.4	-0.1
233	Women's & misses' outerwear	54.9	55.7	54.5	-0.8	0.4
234	Women's & children's undergarments	11.0	11.0	10.4	0.0	0.6
236	Children's outerwear	8.1	8.1	8.1	0.0	0.0
	Other apparel & textile products	12.4	12.6	12.6	-0.2	-0.2
26	Paper & allied products	42.0	42.9	41.9	-0.9	0.1
262	Paper mills exc. building paper	11.2	11.5	11.5	-0.3	-0.3
265	Paper board containers & boxes	13.8	13.9	13.8	-0.1	0.0
2653	Corrugated & solid fiber boxes	7.1	7.1	7.0	0.0	0.1
	Other paperboard containers	6.7	6.8	6.8	-0.1	-0.1
	Other paper & allied products	17.0	17.5	16.6	-0.5	0.4
27	Printing & publishing	73.0	72.6	71.9	0.4	1.1
271	Newspapers	24.2	24.0	23.8	0.2	0.4
273	Books	6.0	6.1	6.2	-0.1	-0.2
275	Commercial printing	22.1	22.0	21.5	0.1	0.6
2752	Lithographing	12.2	12.2	12.1	0.0	0.1
	Other commercial printing	9.9	9.8	9.4	0.1	0.5
276	Manifold business forms	4.4	4.3	4.3	0.1	0.1
	Other printing & publishing	16.3	16.2	16.1	0.1	0.2
28	Chemicals & allied products	60.8	60.7	60.1	0.1	0.7
281	Industrial inorganic chemicals	11.2	11.2	10.9	0.0	0.3
282	Plastic materials & synthetics	7.9	7.9	8.2	0.0	-0.3
283	Drugs	18.3	18.2	17.3	0.1	1.0
284	Soap, cleaners & toilet goods	3.1	3.1	3.1	0.0	0.0
285	Paints & allied products	4.4	4.4	4.6	0.0	-0.2
	Other chemicals & allied products	15.9	15.9	16.0	0.0	-0.1
29	Petroleum & coal products	15.9	16.5	16.3	-0.6	-0.4
291	Petroleum refining	12.2	12.7	12.3	-0.5	-0.1
	Other petroleum & coal products	3.7	3.8	4.0	-0.1	-0.3
30	Rubber & misc. plastics products	35.4	36.1	35.9	-0.7	-0.5
301	Tires & inner tubes	4.5	4.6	4.8	-0.1	-0.3
306	Fabricated rubber products, nec	4.2	4.4	4.5	-0.2	-0.3
	Other rubber & plastic products, nec	26.7	27.1	26.6	-0.4	0.1
31	Leather & leather products	15.0	15.5	15.7	-0.5	-0.7
314	Footwear, exc. rubber	11.4	11.8	12.3	-0.4	-0.9
3143	Men's footwear, exc. athletic	4.7	5.0	4.9	-0.3	-0.2
3144	Women's footwear, exc. athletic	2.5	2.6	3.3	-0.1	-0.8
	Other footwear	4.2	4.2	4.1	0.0	0.1
	Other leather & leather products	3.6	3.7	3.4	-0.1	0.2

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct. 1981	Sept. 1981	Oct. 1980	Oct. 1981	Sept. 1981	Oct. 1980	Oct. 1981	Sept. 1981	Oct. 1980
TOTAL MANUFACTURING INDUSTRIES	$330.46	$332.42	$301.86	39.2	39.2	38.8	$ 8.43	$ 8.48	$ 7.78
TOTAL DURABLE GOODS	376.94	378.80	342.14	40.1	40.0	39.6	9.40	9.47	8.64
Lumber & wood products	246.89	247.90	232.40	38.1	39.6	40.0	6.48	6.26	5.81
Millwork, plywood & structural	260.65	236.96	242.79	38.5	37.2	40.6	6.77	6.37	5.98
Other lumber & wood products	239.53	253.99	227.48	37.9	40.9	39.7	6.32	6.21	5.73
Furniture & fixtures	266.81	262.51	242.32	38.5	38.1	38.1	6.93	6.89	6.36
Household furniture	248.32	248.32	211.47	38.8	38.8	37.1	6.40	6.40	5.70
Office furniture	286.52	267.54	268.11	38.0	36.8	38.8	7.54	7.27	6.91
Other furniture & fixtures	283.71	284.97	274.40	38.6	38.2	39.2	7.35	7.46	7.00
Stone, clay & glass products	356.95	355.59	333.06	41.7	41.3	42.0	8.56	8.61	7.93
Glass & glassware, pressed or blown	346.72	349.06	316.78	40.6	40.4	40.2	8.54	8.64	7.88
Glass containers	377.29	375.25	342.86	40.7	40.7	40.1	9.27	9.22	8.55
Other pressed or blown glass	317.52	323.61	290.16	40.5	40.1	40.3	7.84	8.07	7.20
Hydraulic cement	523.74	515.57	462.31	43.0	43.0	41.8	12.18	11.99	11.06
Structural clay products	312.01	301.50	255.75	41.0	40.2	37.5	7.61	7.50	6.82
Pottery & related products	333.75	317.94	292.13	42.3	42.0	40.8	7.89	7.57	7.16
Concrete, gypsum & plaster prods.	349.86	347.23	306.03	43.3	42.5	41.3	8.08	8.17	7.41
Other stone, clay & glass prods.	369.14	374.40	383.46	41.9	41.6	46.2	8.81	9.00	8.30
Primary metal industries	451.97	478.76	410.32	38.4	39.6	37.2	11.77	12.09	11.03
Blast furnace & basic steel prods.	485.73	523.51	441.53	37.8	39.6	36.4	12.85	13.22	12.13
Blast furnaces & steel mills	491.44	533.08	447.12	37.4	39.4	36.0	13.14	13.53	12.42
Other basic steel products	422.50	426.17	388.55	41.3	41.7	40.9	10.23	10.22	9.50
Iron & steel foundries	357.70	350.10	304.94	39.7	38.9	37.6	9.01	9.00	8.11
Gray iron foundries	348.39	352.63	293.88	39.5	39.4	37.2	8.82	8.95	7.90
Steel foundries, n.e.c.	379.08	363.80	313.58	40.5	39.5	37.6	9.36	9.21	8.34
Malleable iron & steel invest.	347.49	327.87	311.38	39.0	37.3	38.3	8.91	8.79	8.13
Nonferrous rolling & drawing	361.80	346.18	338.62	40.2	39.7	41.6	9.00	8.72	8.14
Nonferrous foundries	334.55	318.80	287.15	41.1	39.9	38.7	8.14	7.99	7.42
Other primary metal products	355.30	342.74	339.04	41.8	40.9	42.7	8.50	8.38	7.94
Fabricated metal prods., incl. ordn.	348.07	346.10	322.00	40.1	39.6	40.1	8.68	8.74	8.03
Metal cans & shipping containers	438.66	446.90	353.34	41.5	42.2	39.0	10.57	10.59	9.06
Cutlery, hand tools & hardware	273.03	264.67	263.08	39.8	39.8	41.3	6.86	6.65	6.37
Plumbing & heating exc. electrical	335.62	314.41	300.44	41.9	39.4	40.6	8.01	7.98	7.40
Fabricated structural metal prods.	337.42	322.58	313.47	40.8	39.1	40.5	8.27	8.25	7.74
Fabricated struct. metal	364.22	334.88	320.68	37.9	35.4	36.4	9.61	9.46	8.81
Fab. plate work (boiler shops)	340.85	327.47	306.80	40.1	38.8	40.0	8.50	8.44	7.67
Other fab. struct. metal prods.	323.09	313.18	314.03	42.4	41.1	42.9	7.62	7.62	7.32
Screw machine products, bolts, etc.	321.88	312.80	292.47	40.9	40.0	39.9	7.87	7.82	7.33
Metal forgings & stampings	424.05	437.89	389.38	39.3	40.1	38.4	10.79	10.92	10.14
Iron & steel forgings	379.63	359.29	305.52	40.3	38.8	34.6	9.42	9.26	8.83
Other metal forgings & stampings	439.14	464.13	416.20	39.0	40.5	39.6	11.26	11.46	10.51
Metal services & ordnance, n.e.c.	297.83	304.94	291.01	39.5	39.5	40.7	7.54	7.72	7.15
Misc. fabricated metal products	320.66	323.79	303.48	39.2	39.2	40.9	8.18	8.26	7.42
Valves & pipe fittings	342.30	344.66	323.05	39.3	40.5	41.9	8.71	8.51	7.71
Other misc. fab. metal products	306.94	311.42	299.70	39.1	38.4	40.5	7.85	8.11	7.40
Machinery, exc. electrical	381.22	375.58	347.36	41.8	41.5	41.5	9.12	9.05	8.37
Engines & turbines	448.64	440.05	394.83	43.6	43.1	42.5	10.29	10.21	9.29
Farm & garden machinery	377.50	368.00	357.62	39.2	39.4	41.2	9.63	9.34	8.68
Construction & related machinery	406.69	405.42	348.07	42.1	42.1	40.1	9.66	9.63	8.68
Construction machinery	421.87	428.90	353.57	40.8	41.4	38.1	10.34	10.36	9.28
Conveyors & conveying equipment	293.47	293.11	291.84	35.4	35.4	38.4	8.29	8.28	7.60
Other constr. & related mach.	413.66	407.34	354.05	44.1	43.8	41.8	9.38	9.30	8.47
Metal working machinery	374.63	366.40	344.86	40.5	40.0	40.1	9.25	9.16	8.60
Special industry machinery	344.99	351.42	325.62	39.7	40.3	40.3	8.69	8.72	8.08
General industrial machinery	376.74	378.11	360.80	42.0	42.2	44.0	8.97	8.96	8.20
Pumps & pumping equipment	401.12	397.71	378.71	42.9	42.4	45.3	9.35	9.38	8.36
Ball & roller bearings	379.66	383.57	342.66	41.0	41.2	42.[illegible]	9.26	9.31	8.12
Air & gas compressors	397.03	413.22	408.85	42.6	44.1	48.1	9.32	9.37	8.50
Industrial furnaces & ovens	341.25	342.40	314.31	39.0	38.3	38.9	8.75	8.94	8.08
Other general industrial mach.	368.49	366.37	357.65	42.6	42.8	44.1	8.65	8.56	8.11
Office and computing machines	454.84	420.16	377.61	44.9	41.6	40.3	10.13	10.10	9.37
Refrigeration & serv. ind. mach.	352.21	334.10	288.86	42.9	41.4	40.8	8.21	8.07	7.08
Misc. machinery, exc. electrical	338.94	335.16	342.83	42.0	42.0	42.8	8.07	7.98	8.01

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct. 1981	Sept. 1981	Oct. 1980	Oct. 1981	Sept. 1981	Oct. 1980	Oct. 1981	Sept. 1981	Oct. 1980
Electrical & electronic equipment	$332.11	$317.59	$293.38	40.6	39.6	39.7	$ 8.18	$ 8.02	$ 7.39
Electric distributing equipment	422.36	410.21	372.30	44.6	43.5	42.5	9.47	9.43	8.76
Transformers	411.73	399.89	328.25	44.9	43.8	38.8	9.17	9.13	8.46
Switchgear & switchbrd apparatus	428.02	415.68	395.16	44.4	43.3	44.4	9.64	9.60	8.90
Electrical industrial apparatus	321.50	315.97	275.59	39.4	39.3	37.7	8.16	8.04	7.31
Household appliances	282.70	280.77	274.78	38.1	38.2	37.9	7.42	7.35	7.25
Electric lighting & wiring equip.	309.67	276.48	283.79	40.8	38.4	40.6	7.59	7.20	6.99
Current-carrying wiring devices	300.03	293.38	275.20	40.6	40.3	40.0	7.39	7.28	6.88
Other elect lght & wirng equip.	319.39	259.17	290.28	41.0	36.4	41.0	7.79	7.12	7.08
Communication equipment	335.62	325.62	303.62	42.7	40.4	40.7	7.86	8.06	7.46
Electronic components & access.	331.23	320.80	284.57	40.1	39.9	39.8	8.26	8.04	7.15
Semiconductors & related devices	444.39	419.63	373.01	41.3	40.9	40.9	10.76	10.26	9.12
Other electronic comp.& access.	278.48	274.53	241.70	39.5	39.5	39.3	7.05	6.95	6.15
Other electrical equip. & supplies	275.15	251.67	253.26	37.9	35.8	37.8	7.26	7.03	6.70
Transportation equipment	414.63	399.29	360.77	40.1	39.3	39.3	10.34	10.16	9.18
Motor vehicles & equipment	437.10	444.98	387.08	39.7	40.6	39.7	11.01	10.96	9.75
Motor vehicle parts & access.	453.44	437.12	392.60	41.6	40.7	40.6	10.90	10.74	9.67
Other motor vehicles & equip.	426.58	449.96	383.57	38.5	40.5	39.1	11.08	11.11	9.81
Aircraft & parts	429.62	394.35	362.37	40.8	39.2	40.9	10.53	10.06	8.86
Ship & boat building & repairing	430.10	414.39	382.44	42.5	41.9	41.3	10.12	9.89	9.26
Railroad equipment	407.54	377.86	360.01	39.3	36.9	37.0	10.37	10.24	9.73
Other transportation equipment	330.04	302.61	286.16	40.2	38.5	39.8	8.21	7.86	7.19
Instruments & related products	328.34	329.16	290.07	41.3	41.3	39.9	7.95	7.97	7.27
Measuring & controlling devices	348.08	351.78	298.96	42.5	42.9	40.4	8.19	8.20	7.40
Medical instruments & supplies	311.24	321.88	291.77	39.8	40.9	40.3	7.82	7.87	7.24
Other instruments & related prods.	294.40	273.77	265.62	40.0	37.4	38.0	7.36	7.32	6.99
Misc. manufacturing industries	301.59	298.75	294.27	40.7	40.1	41.8	7.41	7.45	7.04
TOTAL NONDURABLE GOODS	264.86	263.41	243.17	38.0	37.9	37.7	6.97	6.95	6.45
Food & kindred products	302.48	304.13	280.50	39.8	39.6	39.9	7.60	7.68	7.03
Meat products	294.14	305.60	273.67	38.2	40.0	38.6	7.70	7.64	7.09
Meat packing plants	342.38	336.61	327.18	41.5	41.0	39.9	8.25	8.21	8.20
Sausages & other prepared meats	361.53	360.79	295.57	39.0	38.3	36.4	9.27	9.42	8.12
Poultry dressing & processing	183.31	220.19	204.88	34.2	40.7	39.4	5.36	5.41	5.20
Dairy products	312.68	326.78	282.74	42.6	44.4	40.8	7.34	7.36	6.93
Fluid milk	347.19	347.49	308.67	42.6	42.9	41.6	8.15	8.10	7.42
Other dairy products	284.14	309.85	262.51	42.6	45.7	40.2	6.67	6.78	6.53
Preserved fruits & vegetables	276.71	245.70	244.22	39.7	34.9	39.2	6.97	7.04	6.23
Canned fruits & vegetables	229.89	231.57	201.98	39.5	37.9	38.4	5.82	6.11	5.26
Other preserved fruits & vegs.	324.00	256.70	289.60	40.0	32.7	40.0	8.10	7.85	7.24
Grain mill products	305.20	340.47	303.68	40.0	42.4	41.6	7.63	8.03	7.30
Bakery products	291.08	297.60	278.47	38.0	38.8	40.3	7.66	7.67	6.91
Bread, cake & related products	296.84	308.45	270.05	38.5	39.8	38.8	7.71.	7.75	6.96
Cookies & crackers	279.35	274.15	294.19	37.0	36.7	43.2	7.55	7.47	6.81
Sugar & confectionery products	332.86	339.04	295.77	41.4	41.6	39.7	8.04	8.15	7.45
Confectionery products	272.97	273.14	236.63	40.5	39.7	37.5	6.74	6.88	6.31
Chocolate & cocoa products	356.79	365.56	314.28	41.2	41.4	40.5	8.66	8.83	7.76
Other sugar products	531.76	564.99	424.46	46.0	50.9	44.4	11.56	11.10	9.56
Beverages	377.08	380.78	344.70	40.2	40.9	38.6	9.38	9.31	8.93
Other food & kindred products	250.97	234.42	261.38	39.9	36.8	42.5	6.29	6.37	6.15
Tobacco manufacturers	189.14	188.65	172.22	38.6	38.5	38.7	4.90	4.90	4.45
Textile mill products	209.43	209.61	197.49	37.6	37.7	38.8	5.57	5.56	5.09
Weaving mills, synthetics	241.02	237.64	224.30	41.2	41.4	42.4	5.85	5.74	5.29
Knitting mills	191.69	195.10	182.30	36.1	36.4	37.9	5.31	5.36	4.81
Knit outerwear mills	198.07	196.20	188.86	37.8	37.3	38.7	5.24	5.26	4.88
Knit underwear mills	171.66	161.37	147.51	34.4	33.0	33.0	4.99	4.89	4.47
Other knitting mills	193.87	220.22	196.09	33.6	37.2	40.1	5.77	5.92	4.89
Floor covering mills	261.00	263.95	251.93	36.3	37.6	39.8	7.19	7.02	6.33
Yarn & thread mills	199.80	192.40	194.54	39.1	37.8	38.6	5.11	5.09	5.04
Other textile mill products	223.69	221.73	202.54	38.7	38.9	38.8	5.78	5.70	5.22

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(concl.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct. 1981	Sept. 1981	Oct. 1980	Oct. 1981	Sept. 1981	Oct. 1980	Oct. 1981	Sept. 1981	Oct. 1980
Apparel & other textile products	$177.64	$173.53	$158.57	33.9	33.5	32.1	$ 5.24	$ 5.18	$ 4.94
Men's & boys' suits & coats	238.35	221.29	210.37	37.3	36.1	35.9	6.39	6.13	5.86
Men's & boys' furnishings	174.03	177.12	166.34	35.3	36.0	34.8	4.93	4.92	4.78
Men's & boys' shirts & nightwear	180.79	181.02	165.79	37.2	37.4	35.5	4.86	4.84	4.67
Men's & boys' separate trousers	197.26	198.74	189.26	35.8	36.4	34.6	5.51	5.46	5.47
Other furnishings & wrk. clothng	154.18	160.43	153.08	33.3	34.5	34.4	4.63	4.65	4.45
Women's & misses' outerwear	164.54	163.06	144.21	31.4	31.0	28.9	5.24	5.26	4.99
Women's & children's undergarments	160.76	155.27	135.12	35.1	34.2	33.2	4.58	4.54	4.07
Children's outerwear	172.04	164.83	153.76	34.0	32.9	31.9	5.06	5.01	4.82
Other apparel & textile products	178.72	175.64	157.75	36.4	36.9	34.9	4.91	4.76	4.52
Paper & allied products	323.60	321.56	309.40	42.3	42.2	44.2	7.65	7.62	7.00
Paper mills exc. building paper	424.84	429.66	395.27	47.1	47.9	47.0	9.02	8.97	8.41
Paper board containers & boxes	307.75	302.84	301.56	40.6	39.9	42.0	7.58	7.59	7.18
Corrugated & solid fiber boxes	330.30	326.34	312.71	42.4	42.0	41.2	7.79	7.77	7.59
Other paperboard containers	285.57	280.08	290.61	38.8	37.9	42.8	7.36	7.39	6.79
Other paper & allied products	287.73	284.56	269.51	41.4	41.3	44.4	6.95	6.89	6.07
Printing & publishing	330.33	325.85	295.13	39.0	38.7	37.5	8.47	8.42	7.87
Newspapers	319.90	315.08	295.11	35.0	34.1	32.9	9.14	9.24	8.97
Books	296.01	283.11	238.98	39.0	37.9	36.1	7.59	7.47	6.62
Commercial printing	345.23	345.71	316.32	39.5	39.6	39.1	8.74	8.73	8.09
Lithographing	357.24	363.77	307.58	39.3	39.8	38.4	9.09	9.14	8.01
Other commercial printing	330.70	325.05	328.82	39.7	39.4	40.1	8.33	8.25	8.20
Manifold business forms	372.53	359.64	308.02	45.1	44.4	41.4	8.26	8.10	7.44
Other printing & publishing	318.38	310.02	284.16	40.2	39.9	38.4	7.92	7.77	7.40
Chemicals & allied products	370.64	370.66	339.49	41.0	41.6	41.2	9.04	8.91	8.24
Industrial inorganic chemicals	394.25	399.81	344.45	42.9	43.6	41.4	9.19	9.17	8.32
Plastic materials & synthetics	366.44	382.12	336.07	38.9	41.0	40.2	9.42	9.32	8.36
Drugs	389.64	396.09	356.71	39.8	40.5	39.9	9.79	9.78	8.94
Soap, cleaners & toilet goods	333.71	336.00	304.58	44.2	44.8	44.4	7.55	7.50	6.86
Paints & allied products	335.94	333.72	290.60	39.2	39.4	37.4	8.57	8.47	7.77
Other chemicals & allied products	363.72	347.36	344.11	42.0	41.8	42.8	8.66	8.31	8.04
Petroleum & coal products	473.88	485.57	452.89	42.5	43.2	43.8	11.15	11.24	10.34
Petroleum refining	502.18	514.61	474.47	42.2	43.1	42.9	11.90	11.94	11.06
Other petroleum & coal products	381.50	384.09	384.11	43.6	43.4	46.9	8.75	8.85	8.19
Rubber & misc. plastics products	283.51	277.69	243.21	40.1	39.5	40.4	7.07	7.03	6.02
Tires & inner tubes	369.00	343.80	338.84	41.0	39.7	43.0	9.00	8.66	7.88
Fabricated rubber products, nec	339.00	347.15	305.73	41.8	42.7	42.7	8.11	8.13	7.16
Other rubber & plastic prods., nec	265.47	260.02	221.92	39.8	39.1	39.7	6.67	6.65	5.59
Leather & leather products	182.66	184.76	173.80	36.9	37.4	37.7	4.95	4.94	4.61
Footwear, exc. rubber	170.72	171.49	161.69	36.4	36.8	37.0	4.69	4.66	4.37
Men's footwear, exc. athletic	177.51	187.31	186.66	36.6	38.7	39.8	4.85	4.84	4.69
Women's footwear, exc. athletic	170.40	168.73	138.58	35.5	35.9	33.8	4.80	4.70	4.10
Other footwear	162.87	155.23	150.23	36.6	35.2	36.2	4.45	4.41	4.15
Other leather & leather products	222.32	228.14	216.95	38.8	39.2	40.4	5.73	5.82	5.37
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	428.12	422.58	382.26	44.0	43.7	46.0	9.73	9.67	8.31
Bituminous coal & lignite mining	542.98	559.24	346.26	44.8	45.1	30.4	12.12	12.40	11.39
Nonmetallic minerals, exc. fuels	371.47	385.00	341.91	43.6	44.0	43.5	8.52	8.75	7.86
Communication	416.02	439.77	377.23	39.1	41.1	39.5	10.64	10.70	9.55
Electric, gas, & sanitary services	470.22	477.98	425.10	43.1	43.1	43.6	10.91	11.09	9.75
Electric services	450.28	447.73	396.03	42.6	42.6	41.6	10.57	10.51	9.52
Gas production & distribution	424.86	419.90	410.13	43.8	44.2	46.5	9.70	9.50	8.82
General merchandise stores	157.00	167.61	138.22	29.4	30.2	27.7	5.34	5.55	4.99
Banking	196.83	195.14	186.76	INA	INA	INA	INA	INA	INA
Insurance carriers	251.00	248.21	227.07	INA	INA	INA	INA	INA	INA
Life insurance	231.29	229.89	217.61	INA	INA	INA	INA	INA	INA
Fire, marine & casualty insurance	254.53	251.13	222.41	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1974	$180.97	39.6	$4.57	$203.45	41.1	$4.95	$146.59	37.3	$3.93	$239.61	41.1	$5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1980	294.49	38.8	7.59	332.64	39.6	8.40	236.50	37.6	6.29	399.81	37.4	10.69
1980 Oct	301.86	38.8	7.78	342.14	39.6	8.64	243.17	37.7	6.45	410.32	37.2	11.03
Nov	312.44	39.4	7.93	354.64	40.3	8.80	248.90	38.0	6.55	432.00	38.4	11.25
Dec	318.79	39.7	8.03	361.82	40.7	8.89	252.98	38.1	6.64	438.08	38.7	11.32
1981 Jan	317.13	39.2	8.09	359.79	40.2	8.95	251.92	37.6	6.70	441.54	38.8	11.38
Feb	318.30	39.2	8.12	362.30	40.3	8.99	251.92	37.6	6.70	439.30	38.2	11.50
Mar	320.72	39.4	8.14	366.12	40.5	9.04	254.02	37.8	6.72	447.74	38.9	11.51
Apr	322.22	39.2	8.22	368.04	40.4	9.11	254.32	37.4	6.80	462.11	39.7	11.64
May	324.66	39.4	8.24	367.03	40.2	9.13	260.99	38.1	6.85	444.65	38.2	11.64
Jun	325.84	39.4	8.27	369.55	40.3	9.17	260.99	38.1	6.85	443.12	38.2	11.60
Jul	324.53	39.1	8.30	366.03	39.7	9.22	262.89	38.1	6.90	440.80	38.0	11.60
Aug	330.17	39.4	8.38	376.27	40.2	9.36	263.20	38.2	6.89	464.01	38.7	11.99
Sep	332.42	39.2	8.48	378.80	40.0	9.47	263.41	37.9	6.95	478.76	39.6	12.09
Oct	330.46	39.2	8.43	376.94	40.1	9.40	264.86	38.0	6.97	451.97	38.4	11.77

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1974	$196.24	41.4	$4.74	$209.78	42.9	$4.89	$175.96	39.9	$4.41	$215.54	40.9	$5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1980	309.57	40.1	7.72	338.60	41.7	8.12	287.68	39.9	7.21	356.40	39.6	9.00
1980 Oct	322.00	40.1	8.03	347.36	41.5	8.37	293.38	39.7	7.39	360.77	39.3	9.18
Nov	331.30	40.7	8.14	358.70	42.3	8.48	304.50	40.6	7.50	374.94	40.1	9.35
Dec	340.31	41.4	8.22	367.22	42.8	8.58	310.43	40.9	7.59	382.18	40.4	9.46
1981 Jan	332.48	40.3	8.25	356.49	41.5	8.59	309.42	40.5	7.64	381.20	40.0	9.53
Feb	334.94	40.5	8.27	359.87	41.7	8.63	314.20	40.7	7.72	372.40	39.2	9.50
Mar	338.20	40.6	8.33	359.92	41.9	8.59	321.03	41.0	7.83	381.60	40.0	9.54
Apr	336.47	40.2	8.37	356.29	41.0	8.69	315.50	40.5	7.79	377.06	39.4	9.57
May	343.40	40.4	8.50	364.79	41.5	8.79	317.87	40.7	7.81	384.87	39.8	9.67
Jun	351.29	40.8	8.61	368.26	41.8	8.81	317.12	40.5	7.83	392.98	40.1	9.80
Jul	338.70	39.8	8.51	366.80	41.4	8.86	313.22	39.9	7.85	401.58	39.8	10.09
Aug	346.40	40.0	8.66	373.63	41.7	8.96	321.20	40.2	7.99	401.39	39.9	10.06
Sep	346.10	39.6	8.74	375.58	41.5	9.05	317.59	39.6	8.02	399.29	39.3	10.16
Oct	348.07	40.1	8.68	381.22	41.8	9.12	332.11	40.6	8.18	414.63	40.1	10.34

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1974	$171.68	40.3	$4.26	$124.74	37.8	$3.30	$103.02	32.6	$3.16	$189.52	38.0	$4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.28	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1980	274.33	39.7	6.91	192.89	38.5	5.01	153.12	32.1	4.77	284.56	37.1	7.67
1980 Oct	280.50	39.9	7.03	197.49	38.8	5.09	158.57	32.1	4.94	295.13	37.5	7.87
Nov	290.50	40.8	7.12	200.46	39.0	5.14	158.54	31.9	4.97	299.75	37.8	7.93
Dec	297.02	40.8	7.28	200.85	39.0	5.15	160.96	32.0	5.03	313.95	39.0	8.05
1981 Jan	297.41	40.3	7.38	203.37	38.3	5.31	161.41	31.9	5.06	305.80	37.8	8.09
Feb	300.17	40.4	7.43	205.35	38.6	5.32	161.14	32.1	5.02	304.94	37.6	8.11
Mar	299.09	40.2	7.44	206.12	38.6	5.34	166.62	32.8	5.08	307.31	37.8	8.13
Apr	297.83	39.5	7.54	207.13	38.5	5.38	163.57	31.7	5.16	311.76	38.3	8.14
May	311.60	41.0	7.60	210.92	38.7	5.45	168.35	32.5	5.18	312.19	38.4	8.13
Jun	309.78	40.6	7.63	210.14	38.7	5.43	169.06	32.7	5.17	317.34	38.7	8.20
Jul	310.90	40.8	7.62	203.04	37.6	5.40	170.65	33.2	5.14	316.74	38.3	8.27
Aug	308.30	40.3	7.65	209.59	37.9	5.53	175.62	34.1	5.15	321.54	38.6	8.33
Sep	304.13	39.6	7.68	209.61	37.7	5.56	173.53	33.5	5.18	325.85	38.7	8.42
Oct	302.48	39.8	7.60	209.43	37.6	5.57	177.64	33.9	5.24	330.33	39.0	8.47

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1970	$131.71	39.2	$3.36	119.1	116.3	$113.25	$ 18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	247.0	119.23	175.26

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Oct. 1981	Sep. 1981	Oct. 1980	Oct. 1981	Sep. 1981	Oct. 1980	Oct. 1981	Sep. 1981	Oct. 1980
MANUFACTURING	908.3	929.0	932.5	35,638.9	36,385.0	36,199.2	300,553.1	308,395.0	281.770.0
DURABLE GOODS	535.7	550.7	555.8	21,470.5	22,053.3	21,997.3	201,849.7	208,795.6	190,100.9
NONDUR. GOODS	372.6	378.3	376.7	14,168.4	14,331.7	14,201.9	98,703.4	99,599.4	91,669.1

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.9	809.7	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,367.8	827.6	21.9	20.1	63.7	199.2	112.6	137.8
1979	1,386.7	853.8	23.0	20.2	64.7	204.1	118.0	141.2
1980	1,328.0	814.0	21.0	19.1	58.8	190.8	113.7	141.4
1980 Oct.	1,308.7	795.9	21.2	18.6	57.5	186.0	112.4	139.1
Nov.	1,310.1	800.9	20.9	18.6	57.7	188.3	112.6	139.3
Dec.	1,310.4	800.1	20.7	18.7	56.9	189.6	110.4	139.0
1981 Jan.	1,300.2	795.3	19.3	18.7	55.6	190.2	109.5	138.4
Feb.	1,296.7	792.8	19.6	18.6	54.7	190.5	109.5	137.6
Mar.	1,296.3	789.7	20.4	18.4	55.4	189.3	109.3	135.7
Apr.	1,301.3	793.3	21.1	19.0	56.5	191.0	109.3	135.9
May	1,299.3	791.8	21.8	19.0	56.8	190.5	108.9	135.1
Jun.	1,309.0	796.3	21.9	19.0	57.9	191.6	108.6	135.5
Jul.	1,298.9	790.5	22.0	18.5	57.3	191.7	107.1	134.7
Aug.	1,306.4	791.9	22.0	19.2	57.9	189.7	108.6	134.9
Sep.	1,307.0	792.4	21.5	19.5	57.2	188.1	109.0	134.7
Oct.	1,285.5	776.1	20.1	19.1	56.5	183.3	106.9	133.9

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.7	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.3	540.3	99.7	4.0	50.1
1979	127.1	87.3	42.9	25.3	532.9	99.3	3.6	47.1
1980	124.3	80.1	41.6	23.2	514.0	97.2	3.3	44.1
1980 Oct.	121.7	77.1	39.6	22.7	512.8	100.1	3.3	44.3
Nov.	122.2	77.4	41.4	22.5	509.2	97.1	3.3	44.4
Dec.	122.7	78.8	41.4	21.9	510.3	99.5	3.4	44.8
1981 Jan.	121.2	78.6	41.7	22.1	504.9	96.4	3.3	44.2
Feb.	* 120.2	78.0	41.7	22.4	503.9	95.0	3.3	43.7
Mar.	119.6	77.0	41.8	22.8	506.6	94.6	3.3	43.1
Apr.	119.6	76.0	42.0	22.9	508.0	93.9	3.2	44.2
May	119.2	75.9	41.8	22.8	507.5	93.8	3.2	44.1
Jun.	120.8	75.3	42.0	23.7	512.7	94.1	3.2	44.9
Jul.	119.3	74.8	41.5	23.6	508.4	95.8	3.0	44.7
Aug.	120.4	74.6	41.5	23.1	514.5	96.8	3.2	44.8
Sep.	121.2	76.0	41.5	23.7	514.6	96.6	3.3	45.1
Oct.	120.7	71.8	40.9	22.9	509.4	96.5	3.3	43.9

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)

Industry Group

(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	134.6	61.0	44.4	71.3	59.9	17.3	39.9	19.3
1979	128.6	59.9	44.6	72.2	61.0	17.3	41.8	17.3
1980	124.2	56.3	42.4	72.2	60.8	16.4	37.6	15.9
1980 Oct.	123.3	54.5	41.9	71.9	60.1	16.3	35.9	15.7
Nov.	122.1	54.4	42.2	72.1	60.4	16.1	35.8	15.7
Dec.	120.3	54.0	41.7	72.5	60.2	16.0	36.2	15.7
1981 Jan.	119.4	54.3	41.7	72.2	60.0	15.9	36.2	15.6
Feb.	120.7	54.6	* 40.7	72.3	60.4	15.8	36.4	15.6
Mar.	122.8	55.9	41.7	72.6	60.7	16.1	36.1	15.6
Apr.	123.1	56.0	41.7	73.0	60.6	16.2	36.2	15.9
May	122.1	54.5	42.0	72.8	61.0	16.5	36.0	16.0
Jun.	122.9	54.1	43.0	73.2	61.8	16.8	36.9	15.9
Jul.	119.2	53.0	42.6	72.9	61.4	17.0	36.4	15.4
Aug.	123.6	54.6	43.2	72.8	61.2	16.9	36.5	15.5
Sep.	125.3	55.7	42.9	72.6	60.7	16.5	36.1	15.5
Oct.	123.6	54.9	42.0	73.0	60.8	15.9	35.4	15.0

TABLE 12. SELECTED PENNSYLVANIA INDICES

(Not Adjusted)

1977 = 100

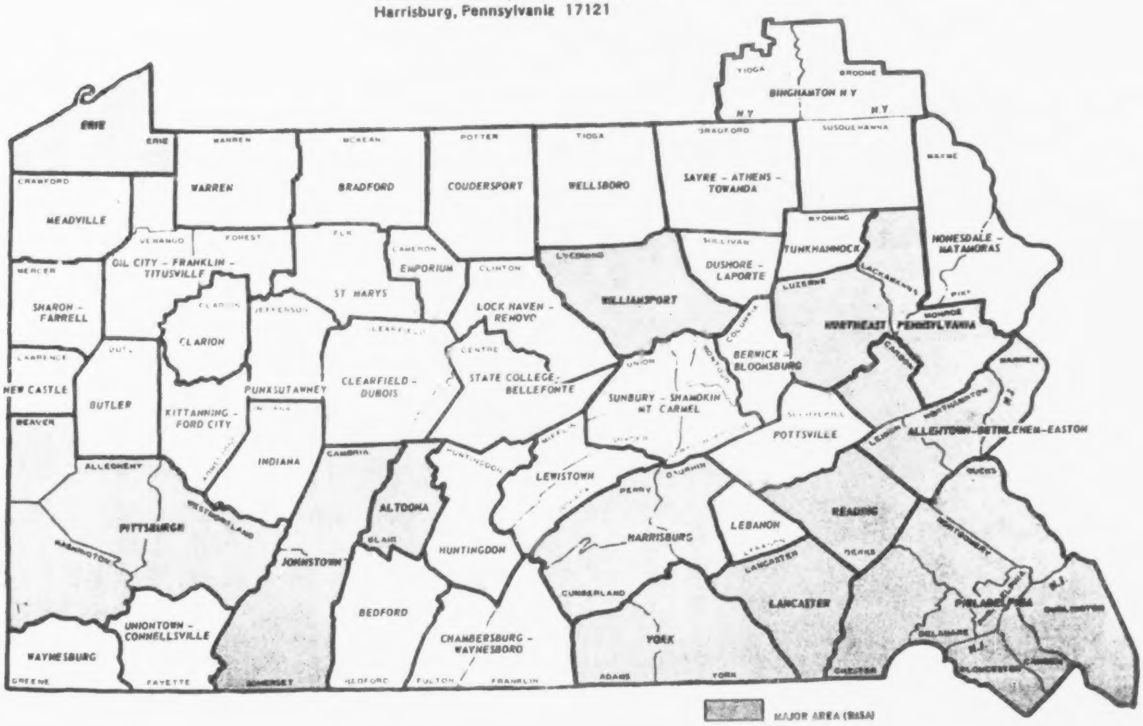
	1981		1980		ANNUAL AVERAGE	
Industry Group	Oct.	Sept.	Oct.		1980	1979
EMPLOYMENT						
All Manufacturing	95.7	97.4	97.5		99.0	103.3
Primary Metals	91.8	94.2	93.1		95.6	102.3
Apparel	92.2	93.5	92.0		92.7	96.0
All Nonmanufacturing	105.3	103.9	107.2		106.2	106.1
Construction	104.4	104.3	116.3		103.5	111.0
Retail Trade	102.6	101.0	109.5		137.9	105.0
Services	116.8	114.9	113.2		112.4	109.6
Government	94.7	92.0	102.2		102.4	101.4

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121


ERIE
BINGHAMTON N Y
WARREN
BRADFORD
COUDERSPORT
WELLSBORO
SAYRE - ATHENS - TOWANDA
MEADVILLE
OIL CITY - FRANKLIN - TITUSVILLE
EMPORIUM
ST MARYS
LOCK HAVEN - RENOVO
WILLIAMSPORT
DUSHORE - LAPORTE
TUNKHANNOCK
HONESDALE - MATAMORAS
NORTHEAST PENNSYLVANIA
SHARON - FARRELL
CLARION
NEW CASTLE
BUTLER
PUNXSUTAWNEY
CLEARFIELD - DUBOIS
STATE COLLEGE - BELLEFONTE
BERWICK - BLOOMSBURG
SUNBURY - SHAMOKIN MT CARMEL
KITTANNING - FORD CITY
INDIANA
POTTSVILLE
ALLENTOWN-BETHLEHEM-EASTON
LEWISTOWN
ALTOONA
PITTSBURGH
JOHNSTOWN
HUNTINGDON
HARRISBURG
LEBANON
READING
BEDFORD
LANCASTER
PHILADELPHIA
UNIONTOWN - CONNELLSVILLE
WAYNESBURG
CHAMBERSBURG - WAYNESBORO
YORK
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN - BETHLEHEM - EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES
MAJOR LABOR MARKET AREAS

(Per 100 Employees)

SEPTEMBER 1981

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980
PENNSYLVANIA	1,307.0	2.9	3.4	3.7	1.5	1.6	1.5	1.2	1.5	1.9
ALLENTOWN-BETHLEHEM-EASTON	107.2	2.4	3.2	3.3	1.6	1.6	1.4	0.5	1.3	1.5
ALTOONA	13.2	2.2	1.8	2.9	0.8	1.0	2.0	1.3	0.6	0.8
ERIE	40.9	2.9	3.4	2.5	1.8	2.0	0.9	0.7	0.9	1.1
HARRISBURG	42.3	1.2	2.3	2.7	0.7	1.4	1.5	0.4	0.5	0.9
JOHNSTOWN	17.0	4.3	5.4	2.4	1.1	1.8	0.8	2.8	2.9	1.2
LANCASTER	60.8	2.5	3.0	3.0	2.0	2.2	1.9	0.2	0.5	0.9
NORTHEAST	70.8	3.3	4.2	3.6	1.8	2.0	1.9	1.3	1.9	1.4
SCRANTON	28.4	3.0	5.6	3.7	2.4	2.3	2.0	0.4	3.2	1.6
WILKES-BARRE-HAZLETON	37.6	3.8	3.4	3.3	1.5	2.1	1.7	2.0	0.9	1.3
PHILADELPHIA	432.3	3.0	2.5	3.1	1.9	1.4	1.8	0.9	1.0	1.1
PITTSBURGH	237.4	2.6	3.1	4.9	0.7	0.8	0.7	1.5	2.0	3.6
READING	55.8	3.5	4.9	4.2	2.0	2.3	2.1	1.2	2.5	1.9
WILLIAMSPORT	15.8	1.6	2.5	7.8	0.9	1.0	0.9	0.5	1.3	6.7
YORK	66.8	4.3	3.6	4.2	2.6	2.2	2.4	1.6	1.3	1.7

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980	Sept. 1981	Aug. 1981	Sept. 1980
PENNSYLVANIA	1,307.0	3.7	3.6	3.8	1.1	1.4	1.1	1.9	1.4	2.0
ALLENTOWN-BETHLEHEM-EASTON	107.2	3.3	3.0	3.1	1.2	1.3	0.9	1.5	0.9	1.7
ALTOONA	13.2	2.1	2.9	2.7	0.7	1.4	1.0	0.9	1.2	1.2
ERIE	40.9	3.5	3.1	3.6	1.0	1.3	0.6	1.5	0.6	1.9
HARRISBURG	42.3	2.9	3.1	4.0	1.4	1.4	1.7	1.1	1.0	1.6
JOHNSTOWN	17.0	8.4	5.3	4.8	0.9	1.0	1.0	5.9	3.2	0.5
LANCASTER	60.8	2.6	3.0	3.6	1.5	1.8	1.8	0.4	0.3	1.3
NORTHEAST	70.8	3.4	3.8	4.7	1.3	1.6	1.6	1.6	1.6	2.6
SCRANTON	28.4	3.8	3.2	4.7	1.7	1.6	1.6	1.7	1.1	2.7
WILKES-BARRE-HAZLETON	37.6	3.6	4.1	4.5	1.3	1.5	1.5	1.8	1.9	2.4
PHILADELPHIA	432.3	3.1	3.5	3.0	1.2	1.2	1.3	1.2	1.5	1.1
PITTSBURGH	237.4	4.2	3.9	3.9	0.6	0.9	0.6	2.8	2.1	2.4
READING	55.8	3.7	3.3	3.3	1.3	1.6	1.4	1.8	0.9	1.2
WILLIAMSPORT	15.8	3.1	2.8	2.9	0.6	0.8	0.6	2.1	1.6	1.8
YORK	66.8	3.0	3.6	2.8	1.5	2.1	1.5	1.1	0.7	0.9

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct. 1981	Sept. 1981	Oct. 1980	Oct. 1981	Sept. 1981	Oct. 1980	Oct. 1981	Sept. 1981	Oct. 1980
PENNSYLVANIA	$330.46	$332.42	$301.86	39.2	39.2	38.8	$ 8.43	$ 8.48	$7.78
ALLENTOWN-BETHLEHEM-EASTON	344.76	342.11	309.89	39.0	38.7	38.4	8.84	8.84	8.07
ALTOONA	279.21	274.36	254.41	38.3	38.0	38.2	7.29	7.22	6.66
ERIE	357.20	351.65	311.63	41.2	40.7	39.8	8.67	8.64	7.83
HARRISBURG	308.50	303.00	297.19	39.2	39.3	40.6	7.87	7.71	7.32
JOHNSTOWN	334.15	327.08	308.90	37.8	37.9	36.6	8.84	8.63	8.44
LANCASTER	287.82	286.26	264.54	39.0	39.0	39.9	7.38	7.34	6.63
NORTHEAST	237.64	231.87	219.37	36.9	36.4	36.5	6.44	6.37	6.01
SCRANTON	244.20	237.08	219.11	38.7	38.6	37.2	6.31	6.19	5.89
WILKES-BARRE-HAZLETON	232.88	228.50	219.60	35.5	35.1	36.0	6.56	6.51	6.10
PHILADELPHIA	334.96	336.60	312.80	39.5	39.6	40.0	8.48	8.50	7.82
PITTSBURGH	418.80	428.16	366.10	40.0	40.7	38.7	10.47	10.52	9.46
READING	308.88	306.54	284.01	39.0	39.0	39.5	7.92	7.86	7.19
WILLIAMSPORT	318.16	302.63	291.40	41.0	39.1	39.7	7.76	7.74	7.34
YORK	313.81	309.67	280.55	41.4	40.8	40.6	7.58	7.59	6.91

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	Oct. 1981		Sept. 1981		Oct. 1980	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	7.5	8.0	7.3	7.5	7.1	7.6
PENNSYLVANIA	8.5	8.6	8.2	8.2	7.6	7.7
ALLENTOWN-BETH-EASTON	7.8	8.1	7.3	7.6	6.9	7.2
ALTOONA	11.5	11.8	12.3	12.7	9.7	10.1
ERIE	9.0	9.3	9.6	10.1	9.4	9.6
HARRISBURG	6.3	6.4	5.9	5.9	5.8	6.0
JOHNSTOWN	12.4	12.4	11.6	11.8	12.4	12.4
LANCASTER	5.3	5.6	4.9	5.0	5.3	5.6
NORTHEAST	9.6	10.3	9.0	9.4	9.4	10.1
SCRANTON	8.4	9.1	7.2	7.8	8.5	9.1
W BARRE-HAZLETON	10.8	10.9	10.4	10.6	10.0	10.1
PHILADELPHIA	8.3	8.2	8.0	7.7	6.6	6.5
PITTSBURGH	7.3	7.6	7.2	7.2	7.2	7.5
POTTSVILLE	10.5	-	9.2	-	9.1	-
READING	7.4	8.2	7.0	7.3	7.0	7.7
UNIONTOWN-CONNELLSVLE	11.4	-	13.0	-	11.0	-
WILLIAMSPORT	12.1	12.6	11.8	12.6	10.8	11.3
YORK	7.3	8.4	7.5	8.1	6.2	7.1

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Oct. 1981	Sept. 1981	Oct. 1980	Oct. 1981	Sept. 1981	Oct. 1980	Oct. 1981	Sept. 1981	Oct. 1980
UNITED STATES	106,926.0	105,964.0	105,415.0	98,902.0	98,277.0	97,933.0	8,024.0	7,687.0	7,482.0
PENNSYLVANIA	5,473.0	5,394.0	5,447.0	5,005.0	4,953.0	5,031.0	467.0	441.0	416.0
ALLENTOWN-BETH-EASTON	311.5	308.1	306.8	287.2	285.5	285.5	24.3	22.6	21.3
ALTOONA	57.5	58.0	60.4	50.9	50.8	54.5	6.6	7.2	5.9
ERIE	124.4	123.8	129.1	113.3	111.9	116.9	11.2	11.9	12.1
HARRISBURG	232.8	229.8	223.8	218.2	216.2	210.8	14.6	13.6	13.1
JOHNSTOWN	106.6	104.8	111.1	93.4	92.6	97.4	13.2	12.2	13.8
LANCASTER	185.6	182.4	180.5	175.7	173.4	170.9	9.8	9.0	9.7
NORTHEAST	286.7	281.4	291.4	259.1	256.1	264.1	27.6	25.3	27.3
SCRANTON	104.4	101.8	106.5	95.6	94.5	97.5	8.8	7.4	9.0
W BARRE-HAZLETON	156.0	153.4	157.6	139.1	137.5	141.8	16.9	15.9	15.8
PHILADELPHIA	2,160.3	2,120.0	2,172.5	1,980.9	1,950.2	2,029.1	179.4	169.9	143.4
PITTSBURGH	1,046.3	1,031.1	1,029.7	970.0	957.0	955.0	76.3	74.0	74.7
POTTSVILLE	64.7	64.3	67.7	57.9	58.4	61.6	6.8	5.9	6.1
READING	164.1	161.3	158.3	151.9	150.0	147.2	12.2	11.3	11.1
UNIONTOWN-CONNELLSVLE	58.9	59.7	60.0	52.2	51.9	53.4	6.7	7.7	6.6
WILLIAMSPORT	53.3	52.9	53.4	46.8	46.7	47.6	6.5	6.2	5.8
YORK	182.6	180.3	179.0	169.2	166.8	167.8	13.4	13.5	11.2

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

1/ STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	1/ Nonagricultural Wage and Salary			Private Sector *		
	Oct. 1981	Sept. 1981	Oct. 1980	Oct. 1981	Sept. 1981	Oct. 1980
UNITED STATES	92,332.0	92,079.0	91,244.0	76,430.0	76,618.0	74,913.0
PENNSYLVANIA	4,705.0	4,680.7	4,772.7	4,007.4	4,001.7	4,037.9
ALLENTOWN-BETHLEHEM-EASTON	264.0	265.4	265.2	235.0	236.5	235.3
ALTOONA	49.1	49.6	49.6	42.0	42.5	42.2
ERIE	110.4	110.2	113.2	98.8	99.0	100.0
HARRISBURG	223.8	224.1	222.5	165.8	167.1	165.4
JOHNSTOWN	82.7	82.9	84.7	68.3	68.8	70.4
LANCASTER	155.1	154.3	155.1	140.9	141.3	139.9
NORTHEAST	238.1	237.8	241.5	201.2	202.0	202.1
SCRANTON	85.2	84.9	87.5	74.0	73.8	75.5
WILKES-BARRE-HAZLETON	123.3	123.4	124.0	105.1	105.3	104.6
PHILADELPHIA	1,888.2	1,884.6	1,914.4	1,614.8	1,611.6	1,614.8
PITTSBURGH	951.8	950.0	954.2	829.9	831.1	828.5
POTTSVILLE	45.3	45.8	48.3	38.6	39.0	40.5
READING	144.5	144.1	141.3	127.4	127.4	124.2
UNIONTOWN-CONNELLSVILLE	34.1	34.3	35.5	29.2	29.3	29.0
WILLIAMSPORT	45.9	46.3	47.0	39.7	40.2	40.2
YORK	158.0	157.3	158.5	140.3	139.8	140.2

Area	Manufacturing			Nonmanufacturing		
	Oct. 1981	Sept. 1981	Oct. 1980	Oct. 1981	Sept. 1981	Oct. 1980
UNITED STATES	20,350.0	20,608.0	20,235.0	71,982.0	71,471.0	71,009.0
PENNSYLVANIA	1,285.5	1,307.0	1,308.7	3,395.5	3,348.6	3,455.9
ALLENTOWN-BETHLEHEM-EASTON	105.4	107.2	106.8	158.1	157.9	158.2
ALTOONA	13.1	13.2	12.2	36.0	36.4	37.4
ERIE	40.3	40.9	40.9	69.6	68.8	71.9
HARRISBURG	41.7	42.3	42.6	182.0	181.8	179.8
JOHNSTOWN	17.0	17.0	17.8	65.5	65.7	66.8
LANCASTER	60.5	60.8	59.0	94.6	93.5	96.1
NORTHEAST	70.2	70.8	70.7	167.9	167.0	170.4
SCRANTON	28.2	28.4	27.9	57.0	56.5	59.6
WILKES-BARRE-HAZLETON	37.2	37.6	37.9	85.9	85.0	85.9
PHILADELPHIA	430.3	432.3	434.0	1,436.4	1,430.3	1,476.5
PITTSBURGH	235.5	237.4	238.7	715.5	711.5	713.9
POTTSVILLE	19.4	19.9	19.8	25.9	25.7	28.3
READING	55.3	55.8	53.8	89.1	88.3	87.5
UNIONTOWN-CONNELLSVILLE	7.0	7.1	7.0	27.0	26.9	28.4
WILLIAMSPORT	15.2	15.8	16.0	30.7	30.5	30.8
YORK	66.8	66.8	66.7	91.2	90.5	91.5

* Excludes Government employment

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

DECEMBER 1981

Vol. XXVI No. 12

JOB
SERVICE

COMMONWEALTH OF PENNSYLVANIA   DEPARTMENT OF LABOR AND INDUSTRY   OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Bureau of Labor Statistics
BUR 652 REV 6-81

— EXPLANATORY —

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing, to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING - ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 — 787-3129

Issued: December 1981

Reference: Mid-November

PENNSYLVANIA EMPLOYMENT AND EARNINGS

NOVEMBER 1981

November's volume of unemployment in Pennsylvania, not adjusted for seasonal influences, was 473,000, a rise of 6,000 from the level in October. The unadjusted rate was 8.7 percent of the civilian labor force, an increase from October's 8.5 percent.

Seasonally adjusted, the volume of unemployment was 488,000, an over-the-month increase of 18,000. November's seasonally adjusted unemployment rate was 9.0 percent of the civilian labor force, a gain of 0.4 percentage points over October.

Based on claims filed for unemployment insurance in November, the industries most affected by job losses were Steel, Apparel and Construction.

Nationwide, November's seasonally adjusted unemployment rate was 8.4 percent, up 0.4 percentage points from October. This was the highest seasonally adjusted rate for the nation since October 1975. Without adjustment, the rate for November was 7.9 percent of the civilian labor force, an increase from October's rate of 7.5 percent.

MANUFACTURING SLUMP CONTINUES

Manufacturing employment continued to slide in November. The estimate of 1,266,600 jobs was 17,000 under the previous month. Early indications were not encouraging with nearly every industry mirroring the sagging economy.

As has been the case for several months, durable industries bore the brunt of the cutbacks--73 percent. Every durable goods industry except INSTRUMENTS reported dwindling employment for mid-November. TRANSPORTATION EQUIPMENT sustained the sharpest drop--4,600--although 60 percent of this total resulted from a Labor-Management dispute in the industry. PRIMARY METALS lost 2,600 and ELECTRICAL MACHINERY another 1,800. Over the 12 month period, 39,000 jobs were lost in durable industries, chiefly in TRANSPORTATION EQUIPMENT, PRIMARY and FABRICATED METALS.

In nondurables, PRINTING surfaced with a slight gain of 500 jobs. TOBACCO and CHEMICALS reported no change in job levels. All other industries were on the down side. Both over-the-month and over-the-year comparisons for nondurable industries were much more favorable than they were in durables.

Both hours and earnings increased moderately during the period. Averaging $8.48 an hour for a 39.3 hour week, the State's 891,000 factory production workers realized a slightly longer work week than they did in October--along with an additional six cents an hour.

With the exception of the Miscellaneous Manufacturing group, all durable industries registered an increase in working time. TRANSPORTATION EQUIPMENT moved up eight-tenths of an hour while other industries posted gains of lesser magnitude. In nondurables, gains and losses counter-balanced over the month, the work week remaining stationary as a result.

In earnings, Miscellaneous Manufacturers posted an eighteen cents an hour gain, PETROLEUM, fifteen cents and LUMBER AND WOOD, thirteen cents. TEXTILES and PRINTING excepted, all industries recorded gains, albeit slight, in average hourly earnings.

Nationwide, factory workers averaged $8.18 an hour for a 39.7 hour work week.

NONFACTORY SEASONAL GAINS MODEST

In the nonmanufacturing segment, 24,000 jobs were added during the month. This movement is misleading, however, since it emanated from the settlement of a labor dispute in the State's largest school district rather than from the filling of job vacancies. Apart from this settlement, nonmanufacturing job totals would have decreased in a noticeably contra-seasonal fashion.

RETAIL TRADE showed a somewhat muted seasonal gain--slightly more than 8,000 jobs. Both Services and Construction fell off seasonally--down 6,000 and 4,800 jobs respectively. Over the year, non-factory employment was off 43,000. Only Services showed any marked gain over the 12 month period.

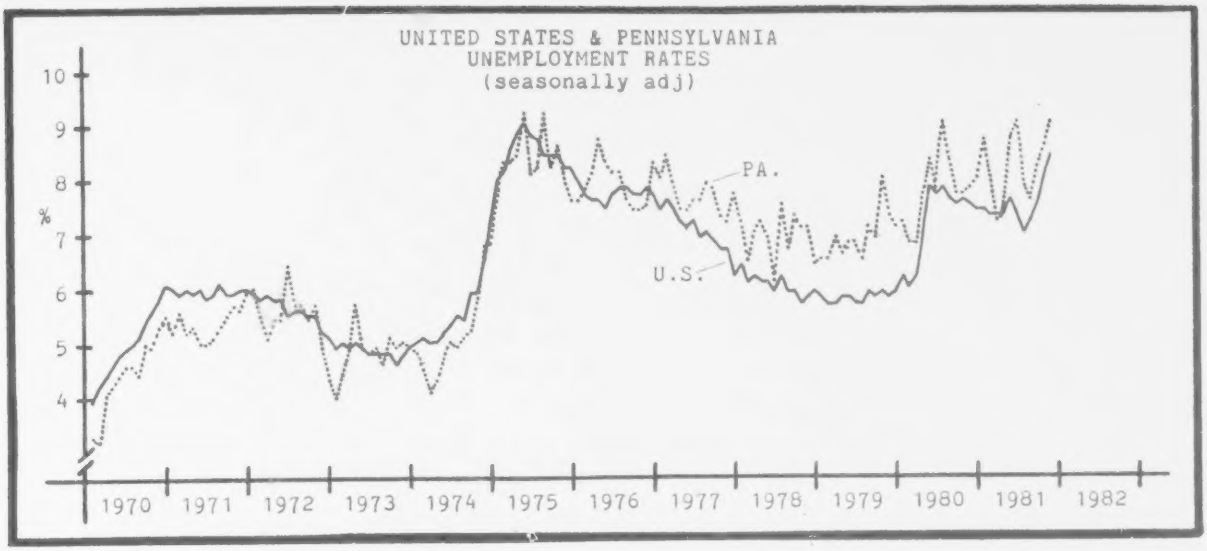

Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,828	4,610	218	4.5		82,715	78,627	4,088	4.9	
1971	4,801	4,542	260	5.4		84,113	79,120	4,993	5.9	
1972	4,870	4,607	264	5.4		86,542	81,702	4,840	5.6	
1973	4,988	4,747	241	4.8		88,714	84,409	4,304	4.9	
1974	5,036	4,778	258	5.1		91,011	85,935	5,076	5.6	
1975	5,068	4,646	421	8.3		92,613	84,783	7,830	8.5	
1976	5,094	4,690	404	7.9		94,773	87,485	7,288	7.7	
1977	5,165	4,767	398	7.7		97,401	90,546	6.855	7.0	
1978	5,255	4,891	364	6.9		100,420	94,373	6,047	6.0	
1979	5,296	4,930	366	6.9		102,908	96,945	5,963	5.8	
1980	5,368	4,950	417	7.8		104,719	97,270	7,448	7.1	
1980 Nov	5,440	5,028	412	7.6	7.9	105,287	97,801	7,486	7.1	7.5
Dec	5,341	4,938	403	7.5	8.0	104,778	97,545	7,233	6.9	7.4
1981 Jan	5,366	4,876	490	9.1	8.7	104,671	96,128	8,543	8.2	7.4
Feb	5,324	4,867	456	8.6	8.0	104,808	96,383	8,425	8.0	7.3
Mar	5,420	4,993	426	7.9	7.2	105,405	97,318	8,087	7.7	7.3
Apr	5,344	4,975	370	6.9	7.3	105,678	98,282	7,396	7.0	7.3
May	5,398	4,979	419	7.8	8.7	106,347	98,803	7,545	7.1	7.6
Jun	5,447	4,943	505	9.3	9.0	107,621	99,341	8,279	7.7	7.3
Jul	5,544	5,095	448	8.1	7.9	108,408	100,474	7,934	7.3	7.0
Aug	5,530	5,103	427	7.7	7.6	107,771	100,013	7,758	7.2	7.2
Sep	5,394	4,953	441	8.2	8.2	105,964	98,277	7,687	7.3	7.5
Oct	5,472	5,005	467	8.5	8.6	106,926	98,902	8,024	7.5	8.0
Nov	5,463	4,991	473	8.7	9.0	106,864	98,393	8,470	7.9	8.4

DATA IN THIS PUBLICATION ARE ARRANGED ACCORDING TO THE 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL. EMPLOYMENT DATA, BEGINNING WITH 1979, ARE BENCHMARKED TO FIRST QUARTER 1980. PRIOR YEARS ARE NOT, THEREFORE, STRICTLY COMPARABLE.

On all tables the most recent month's data are preliminary. They are subject to revision.

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From--	
	Nov. 1981	Oct. 1981	Nov. 1980	Oct. 1981	Nov. 1980
TOTAL CIVILIAN LABOR FORCE	5,463.0	5,472.0	5,440.0	-9.0	23.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	473.0	467.0	412.0	6.0	61.0
% CIVILIAN LABOR FORCE	8.7	8.5	7.6	0.2	1.1
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	488.0	470.0	428.0	60.0	18.0
% CIVILIAN LABOR FORCE	9.0	8.6	7.9	0.4	1.1
TOTAL EMPLOYMENT	4,991.0	5,005.0	5,028.0	-14.0	-37.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From--	
	Nov. 1981	Oct. 1981	Nov. 1980	Oct. 1981	Nov. 1980
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,693.2	4,703.1	4,781.0	-9.9	-87.8
LABOR-MANAGEMENT DISPUTES	6.8	23.9	8.1	-17.1	-1.3
ALL MANUFACTURING INDUSTRIES	1,266.6	1,283.6	1,310.1	-17.0	-43.5
TOTAL NONMANUFACTURING INDUSTRIES	3,419.8	3,395.6	3,462.8	24.2	-43.0
Mining	52.0	51.8	50.1	0.2	1.9
Anthracite	3.6	3.6	3.5	0.0	0.1
Bituminous	39.0	38.7	37.1	0.3	1.9
Nonmetallic minerals	4.3	4.4	4.8	-0.1	-0.5
Contract Construction	187.5	192.3	195.5	-4.8	-8.0
General building	51.3	53.7	53.3	-2.4	-2.0
Heavy construction	36.7	38.5	38.8	-1.8	-2.1
Special trades	99.5	100.1	103.4	-0.6	-3.9
Transportation	148.6	149.7	158.7	-1.1	-10.1
Railroads	38.1	38.1	41.5	0.0	-3.4
Public Utilities	102.7	102.7	103.2	0.0	-0.5
Communications	53.3	53.3	54.7	0.0	-1.4
Electric, gas & sanitary service	49.4	49.4	48.5	0.0	0.9
Electric systems	24.8	24.7	24.1	0.1	0.7
Gas production	9.7	9.8	9.7	-0.1	0.0
Wholesale trade	240.7	242.3	246.2	-1.6	-5.5
Retail trade	744.2	736.1	760.4	8.1	-16.2
General merchandise stores	122.6	117.0	124.4	5.6	-1.8
Department stores	108.4	103.2	110.1	5.2	-1.7
Finance, insurance & real estate	239.4	239.6	238.4	-0.2	1.0
Banking	81.4	81.3	79.5	0.1	1.9
Commercial & stock savings	74.9	74.7	73.0	0.2	1.9
Credit agencies & securities	30.5	30.5	30.9	0.0	-0.4
Insurance	70.2	70.3	69.8	-0.1	0.4
Life insurance	27.0	27.1	26.8	-0.1	0.2
Fire, marine & casualty	29.0	29.0	28.8	0.0	0.2
Services	1,003.0	1,009.0	977.0	-6.0	26.0
Business services	134.6	136.7	133.5	-2.1	1.1
Health services	334.5	334.3	323.0	0.2	11.5
Nursing & personal care	51.4	51.2	51.0	0.2	0.4
Hospitals	208.2	208.0	197.4	0.2	10.8
Educational service	128.6	127.8	121.3	0.8	7.3
Miscellaneous services	48.3	48.6	47.7	-0.3	0.6
Engineering & architectural	30.7	30.9	30.4	-0.2	0.3
Government	701.7	672.1	733.3	29.6	-31.6
Federal	132.0	131.4	129.4	0.6	2.6
State & local	569.7	540.7	603.9	29.0	-34.2

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA
BY MAJOR INDUSTRY DIVISIONS
(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Non-Manufacturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.2	3,854.3	1,314.9	3,223.3	48.0	183.9	938.9	221.7	717.2
1978	4,719.6	3,995.6	1,367.8	3,351.7	46.8	200.1	983.7	230.8	752.9
1979	4,806.8	4,086.1	1,386.7	3,420.1	51.7	204.2	992.5	239.4	753.1
1980	4,753.0	4,025.2	1,328.0	3,424.9	49.5	190.3	988.9	244.5	744.4
1980 Nov.	4,772.9	4,039.6	1,310.1	3,462.8	50.1	195.5	1,006.6	246.2	760.4
Dec.	4,765.0	4,028.2	1,310.4	3,454.6	49.5	181.1	1,014.0	246.6	767.4
1981 Jan.	4,657.9	3,935.1	1,300.2	3,357.7	48.9	156.8	974.9	244.9	730.0
Feb.	4,661.6	3,926.3	1,296.7	3,364.9	48.8	157.2	964.9	243.3	721.6
Mar.	4,684.0	3,948.4	1,296.3	3,387.7	48.4	165.8	968.7	242.6	726.1
Apr.	4,694.9	3,961.2	1,301.3	3,393.6	* 27.5	177.7	976.8	243.6	733.2
May	4,710.2	3,973.7	1,299.3	3,410.9	* 26.2	181.4	983.3	243.3	740.0
Jun.	4,743.2	4,011.9	1,309.0	3,434.2	50.3	190.3	975.5	244.4	731.1
Jul.	4,688.2	3,988.4	1,298.9	3,389.3	51.4	195.8	966.7	242.7	724.0
Aug.	4,689.0	3,996.5	1,306.4	3,382.6	51.6	197.2	964.4	242.9	721.5
Sep.	4,655.6	4,001.7	1,307.0	3,348.6	52.3	191.9	966.2	241.7	724.5
Oct.	4,679.2	4,007.1	1,283.6	3,395.6	51.8	192.3	978.4	242.3	736.1
Nov.	4,686.4	3,984.7	1,266.6	3,419.8	52.0	187.5	984.9	240.7	744.2

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.9	137.6	514.4
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.7	136.4	522.4
1974	161.1	104.4	207.3	773.6	154.9	618.7	682.0	136.6	545.4
1975	154.0	102.5	207.3	798.5	159.8	638.7	721.4	134.4	587.0
1976	155.4	101.1	211.4	839.7	165.5	674.2	722.1	131.7	590.4
1977	160.9	100.7	217.5	862.5	171.1	691.4	710.9	128.1	582.8
1978	165.7	100.9	226.6	903.9	177.9	726.0	724.1	129.5	594.5
1979	170.7	101.7	233.7	945.0	185.3	759.7	720.7	130.8	589.9
1980	160.9	101.8	236.7	969.1	194.2	774.9	727.7	133.5	594.2
1980 Nov.	158.7	103.2	238.4	977.0	197.4	779.6	733.3	129.4	603.9
Dec.	156.9	103.0	238.1	975.2	197.7	777.5	736.8	128.5	608.3
1981 Jan.	152.4	102.9	238.0	961.0	198.5	762.5	722.8	128.7	594.1
Feb.	153.9	102.1	237.6	965.1	199.0	766.1	735.3	128.3	607.0
Mar.	152.8	102.5	237.9	976.0	200.0	776.0	735.6	128.7	606.9
Apr.	152.4	102.0	239.4	984.1	200.6	783.5	733.7	129.3	604.4
May	150.9	102.1	240.9	989.6	201.7	787.9	736.5	130.4	606.1
Jun.	150.3	103.3	243.2	990.0	205.2	784.8	731.3	132.3	599.0
Jul.	142.3	103.8	243.7	985.8	205.7	780.1	699.8	133.3	566.5
Aug.	142.5	104.0	242.9	987.5	206.3	781.2	692.5	132.4	560.1
Sep.	149.8	102.7	240.8	991.0	206.4	784.6	653.9	129.7	524.2
Oct.	149.7	102.7	239.6	1,009.0	208.0	801.0	672.1	131.4	540.7
Nov.	148.6	102.7	239.4	1,003.0	208.2	794.8	701.7	132.0	569.7

PUBLICATION ANNOUNCEMENT

The Pennsylvania Office of Employment Security, Labor Market Analysis Section in cooperation with the U.S. Department of Labor, Employment and Training Administration is releasing the publication "PENNSYLVANIA LABOR SUPPLY AND DEMAND REPORT". The report provides an analytical and statistical summary of recent and anticipated labor supply and demand developments in Pennsylvania. Topics covered include the current employment situation, earnings and wages by industry and occupation, labor supply and demand, as well as employer job opening requirements, unfilled job openings and job service applicant data.

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TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

OCTOBER 1981

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Oct. 1981	Sep. 1981	Oct. 1980	Oct. 1981	Sep. 1981	Oct. 1980	Oct. 1981	Sep. 1981	Oct. 1980
All Manufacturing	1,283.6	2.5	2.9	3.7	1.2	1.5	1.5	1.0	1.2	1.9
Durable Goods	774.3	2.2	2.4	3.4	0.8	1.0	0.9	1.1	1.1	2.2
Furniture & Fixtures	19.1	2.8	4.2	3.0	1.8	3.1	1.7	0.9	0.9	1.2
Stone, Clay & Glass Products	56.5	2.3	2.0	3.4	0.7	0.9	0.9	1.5	1.1	2.4
Primary Metal Industries	181.6	2.4	3.4	5.3	0.4	0.5	0.5	1.7	2.4	4.1
Fabricated Metal Products	106.5	2.6	2.7	3.8	1.1	1.2	1.3	1.3	1.2	2.2
Machinery, exc. Electrical	134.1	1.2	1.4	1.6	0.8	0.9	0.9	0.3	0.4	0.6
Electric & Electronic Equip.	120.7	2.2	2.1	3.0	0.9	1.1	1.0	0.9	0.6	1.6
Transportation Equipment	71.8	3.4	2.3	3.2	0.4	0.7	0.6	1.6	1.0	1.9
Instruments & Related Products	41.0	0.9	1.3	1.7	0.6	1.1	1.0	0.2	0.2	0.7
Miscellaneous Manufacturing	22.9	2.1	2.1	2.6	1.8	1.6	1.7	0.3	0.5	0.9
Nondurable Goods	509.3	2.9	3.8	3.3	1.8	2.4	2.0	0.9	1.2	1.1
Food & Kindred Products	96.4	3.2	6.1	3.1	1.8	2.8	2.1	1.3	3.1	0.9
Textile Mill Products	44.0	2.9	3.9	4.1	2.3	3.1	2.7	0.5	0.5	1.2
Apparel & Related Products	123.6	4.4	5.2	5.1	2.6	3.5	2.4	1.5	1.3	2.4
Paper & Allied Products	41.9	1.9	1.6	2.3	1.2	1.1	1.5	0.7	0.3	0.6
Printing & Publishing	73.0	2.8	2.5	2.3	2.0	1.9	1.6	0.7	0.5	0.6
Chemicals & Allied Products	60.7	1.4	1.9	1.5	1.0	1.3	1.0	0.3	0.5	0.5
Petroleum & Coal Products	15.9	0.5	0.9	0.7	0.3	0.5	0.5	N	0.2	0.2
Rubber & Plastics Products	35.5	2.5	2.3	3.2	1.3	1.3	1.8	0.8	0.7	1.2
Leather & Leather Products	15.0	2.8	4.3	4.6	2.2	3.2	4.0	0.3	0.9	0.5

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Oct. 1981	Sep. 1981	Oct. 1980	Oct. 1981	Sep. 1981	Oct. 1980	Oct. 1981	Sep. 1981	Oct. 1980
All Manufacturing	1,283.6	4.5	3.7	3.8	0.8	1.1	1.1	2.9	1.8	2.0
Durable Goods	774.3	4.8	3.5	3.6	0.5	0.7	0.6	3.4	2.0	2.3
Furniture & Fixtures	19.1	4.5	3.2	4.1	1.0	1.1	1.3	2.6	1.2	2.0
Stone, Clay & Glass Products	56.5	3.1	3.5	3.7	0.4	0.6	0.8	2.2	2.2	2.4
Primary Metal Industries	181.6	7.4	5.2	4.9	0.2	0.5	0.4	6.1	3.7	3.6
Fabricated Metal Products	106.5	4.3	3.8	3.8	0.5	0.7	0.8	3.0	2.4	2.3
Machinery, exc. Electrical	134.1	2.1	1.8	2.1	0.6	0.7	0.7	1.0	0.6	1.0
Electric & Electronic Equip.	120.7	2.3	2.1	2.8	0.5	0.8	0.7	0.8	0.6	1.1
Transportation Equipment	71.8	8.0	4.8	3.9	0.4	0.5	0.5	5.9	3.4	2.5
Instruments & Related Products	41.0	2.1	1.3	1.6	0.4	0.6	0.6	1.2	0.3	0.5
Miscellaneous Manufacturing	22.9	4.7	2.4	4.9	1.4	0.9	0.9	2.8	0.9	3.2
Nondurable Goods	509.3	4.2	4.0	3.6	1.3	1.8	1.4	2.1	1.5	1.7
Food & Kindred Products	96.4	5.0	5.4	3.9	1.1	2.0	1.5	2.9	2.5	1.7
Textile Mill Products	44.0	4.1	4.3	3.2	1.4	2.3	1.7	2.1	1.4	0.9
Apparel & Related Products	123.6	5.2	4.7	5.9	1.8	2.5	1.7	2.5	1.4	3.4
Paper & Allied Products	41.9	4.1	3.7	2.7	1.1	1.2	1.0	2.4	2.0	1.2
Printing & Publishing	73.0	2.4	2.8	2.6	1.3	1.5	1.2	0.8	0.9	1.1
Chemicals & Allied Products	60.7	1.9	2.2	1.2	0.5	0.8	0.5	0.8	0.7	0.4
Petroleum & Coal Products	15.9	6.2	2.1	0.9	0.3	0.7	0.4	2.3	1.0	0.2
Rubber & Plastics Products	35.5	3.8	4.1	3.6	0.9	1.7	1.2	2.2	1.7	1.8
Leather & Leather Products	15.0	6.6	4.6	5.5	2.2	3.1	3.6	3.8	0.9	1.1

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Detail
(Thousands)

SIC	Industry	Total – All Employees Nov. 1981	Total – All Employees Oct. 1981	Total – All Employees Nov. 1980	Net Change From – Oct. 1981	Net Change From – Nov. 1980
	TOTAL MANUFACTURING INDUSTRIES	1,266.6	1,283.6	1,310.1	-17.0	-43.5
	TOTAL DURABLE GOODS	761.9	774.3	800.9	-12.4	-39.0
24	Lumber & wood products	19.7	20.1	20.9	-0.4	-1.2
243	Millwork, plywood & structural	6.9	7.2	7.1	-0.3	-0.2
	Other lumber & wood products	12.8	12.9	13.8	-0.1	-1.0
25	Furniture & fixtures	18.7	19.1	18.6	-0.4	0.1
251	Household furniture	8.9	9.0	8.8	-0.1	0.1
252	Office furniture	4.6	4.7	4.7	-0.1	-0.1
	Other furniture & fixtures	5.2	5.4	5.1	-0.2	0.1
32	Stone, clay & glass products	55.8	56.5	57.7	-0.7	-1.9
322	Glass & glassware, pressed or blown	14.7	15.0	14.8	-0.3	-0.1
3221	Glass containers	7.0	7.3	7.3	-0.3	-0.3
3229	Other pressed or blown glass	7.7	7.7	7.5	0.0	0.2
324	Hydraulic cement	2.4	2.4	2.7	0.0	-0.3
325	Structural clay products	6.0	6.0	5.8	0.0	0.2
326	Pottery & related products	4.6	4.6	4.7	0.0	-0.1
327	Concrete, gypsum & plaster products	7.0	7.1	8.1	-0.1	-1.1
	Other stone, clay & glass products	21.1	21.4	21.6	-0.3	-0.5
33	Primary metal industries	179.0	181.6	188.3	-2.6	-9.3
331	Blast furnace & basic steel products	132.9	134.7	139.7	-1.8	-6.8
3312	Blast furnaces & steel mills	121.1	122.8	127.8	-1.7	-6.7
	Other basic steel products	11.8	11.9	11.9	-0.1	-0.1
332	Iron & steel foundries	17.1	17.9	20.0	-0.8	-2.9
3321	Gray iron foundries	7.5	7.8	8.3	-0.3	-0.8
3325	Steel foundries, n.e.c.	5.9	5.9	7.3	0.0	-1.4
3322,4	Malleable iron & steel invest.	3.7	4.2	4.4	-0.5	-0.7
335	Nonferrous rolling & drawing	13.8	13.8	13.6	0.0	0.2
336	Nonferrous foundries	7.4	7.4	6.5	0.0	0.9
	Other primary metal products	7.8	7.8	8.5	0.0	-0.7
34	Fabricated metal products,(incl. ordnance)	105.6	106.5	112.6	-0.9	-7.0
341	Metal cans & shipping containers	4.4	4.3	4.6	0.1	-0.2
342	Cutlery, hand tools & hardware	6.0	6.0	6.4	0.0	-0.4
343	Plumbing & heating exc. electrical	4.0	4.0	3.9	0.0	0.1
344	Fabricated structural metal products	31.6	32.1	35.1	-0.5	-3.5
3441	Fabricated structural metal	6.6	6.7	8.7	-0.1	-2.1
3443	Fabricated plate work (boiler shops)	9.7	9.8	10.7	-0.1	-1.0
	Other fabricated struct. metal products	15.3	15.6	15.7	-0.3	-0.4
345	Screw machine products, bolts, etc.	8.4	8.5	9.3	-0.1	-0.9
346	Metal forgings & stampings	20.3	20.6	21.2	-0.3	-0.9
3462	Iron & steel forgings	5.7	5.7	5.8	0.0	-0.1
	Other metal forgings & stampings	14.6	14.9	15.4	-0.3	-0.8
347,8	Metal services & ordnance, n.e.c.	8.5	8.3	8.4	0.2	0.1
349	Misc. fabricated metal products	22.4	22.7	23.7	-0.3	-1.3
3494	Valves & pipe fittings	9.0	9.1	9.6	-0.1	-0.6
	Other misc. fabricated metal products	13.4	13.6	14.1	-0.2	-0.7
35	Machinery, exc. electrical	133.5	134.1	139.3	-0.6	-5.8
351	Engines & turbines	7.1	7.0	6.9	0.1	0.2
352	Farm & garden machinery	4.2	4.3	4.5	-0.1	-0.3
353	Construction & related machinery	25.4	25.5	25.5	-0.1	-0.1
3531	Construction machinery	8.7	8.7	8.4	0.0	0.3
3535	Conveyors & conveying equipment	3.5	3.5	3.8	0.0	-0.3
	Other construction & related machinery	13.2	13.3	13.3	-0.1	-0.1
354	Metal working machinery	20.0	20.3	22.3	-0.3	-2.3
355	Special industry machinery	12.7	12.8	13.7	-0.1	-1.0
356	General industrial machinery	26.1	26.2	27.6	-0.1	-1.5
3561	Pumps & pumping equipment	4.3	4.3	4.2	0.0	0.1
3562	Ball & roller bearings	4.0	4.0	4.0	0.0	0.0
3563	Air & gas compressors	4.4	4.4	4.7	0.0	-0.3
3567	Industrial furnaces & ovens	3.3	3.3	3.8	0.0	-0.5
	Other general industrial machinery	10.1	10.2	10.9	-0.1	-0.8

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(cont.)

Industry Detail

(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Nov. 1981	Oct. 1981	Nov. 1980	Oct. 1981	Nov. 1980
357	Office and computing machines	13.4	13.3	13.4	0.1	0.0
358	Refrigeration & service industry machinery	10.5	10.5	11.3	0.0	-0.8
359	Misc. machinery, exc. electrical	14.1	14.2	14.1	-0.1	0.0
36	Electric & electronic equipment	118.9	120.7	122.2	-1.8	-3.3
361	Electric distributing equipment	17.8	17.9	18.8	-0.1	-1.0
3612	Transformers	6.0	6.1	6.2	-0.1	-0.2
3613	Switchgear & switchboard apparatus	11.8	11.8	12.6	0.0	-0.8
362	Electrical industrial apparatus	24.0	24.3	23.9	-0.3	0.1
363	Household appliances	3.7	3.7	3.9	0.0	-0.2
364	Electric lighting & wiring equipment	20.3	20.3	20.1	0.0	0.2
3643	Current-carrying wiring devices	11.8	11.8	10.9	0.0	0.9
	Other electric light & wiring equipment	8.5	8.5	9.2	0.0	-0.7
366	Communication equipment	8.6	9.5	9.1	-0.9	-0.5
367	Electronic components & accessories	33.6	34.0	35.6	-0.4	-2.0
3674	Semiconductors & related devices	11.1	11.3	12.2	-0.2	-1.1
	Other electronic components & accessories	22.5	22.7	23.4	-0.2	-0.9
	Other electrical equipment & supplies	10.9	11.0	10.8	-0.1	0.1
37	Transportation equipment	67.2	71.8	77.4	-4.6	-10.2
371	Motor vehicles & equipment	25.8	26.8	25.1	-1.0	0.7
3714	Motor vehicle parts & accessories	9.6	9.6	8.6	0.0	1.0
	Other motor vehicles & equipment	16.2	17.2	16.5	-1.0	-0.3
372	Aircraft & parts	10.1	9.8	11.9	0.3	-1.8
373	Ship & boat building & repairing	5.4	5.7	7.6	-0.3	-2.2
374	Railroad equipment	12.1	16.0	18.9	-3.9	-6.8
	Other transportation equipment	13.8	13.5	13.9	0.3	-0.1
38	Instruments & related products	41.0	41.0	41.4	0.0	-0.4
382	Measuring & controlling devices	22.7	22.8	22.8	-0.1	-0.1
384	Medical instruments & supplies	10.8	10.7	10.9	0.1	-0.1
	Other instruments & related products	7.5	7.5	7.7	0.0	-0.2
39	Miscellaneous manufacturing industries	22.5	22.9	22.5	-0.4	0.0
	TOTAL NONDURABLE GOODS	504.7	509.3	509.2	-4.6	-4.5
20	Food & kindred products	95.6	96.4	97.1	-0.8	-1.5
201	Meat products	15.0	14.9	15.7	0.1	-0.7
2011	Meat packing plants	5.0	4.9	5.1	0.1	-0.1
2013	Sausages & other prepared meats	5.2	5.3	5.6	-0.1	-0.4
2016,7	Poultry dressing & processing	4.8	4.7	5.0	0.1	-0.2
202	Dairy products	10.4	10.5	10.7	-0.1	-0.3
2026	Fluid milk	6.0	6.1	6.5	-0.1	-0.5
	Other dairy products	4.4	4.4	4.2	0.0	0.2
203	Preserved fruits & vegetables	13.3	13.8	14.7	-0.5	-1.4
2033	Canned fruits & vegetables	6.0	6.6	7.0	-0.6	-1.0
	Other preserved fruits & vegetables	7.3	7.2	7.7	0.1	-0.4
204	Grain mill products	5.1	5.1	5.2	0.0	-0.1
205	Bakery products	18.7	18.7	19.1	0.0	-0.4
2051	Bread, cake & related products	14.0	14.0	14.1	0.0	-0.1
2052	Cookies & crackers	4.7	4.7	5.0	0.0	-0.3
206	Sugar & confectionery products	15.3	15.7	12.9	-0.4	2.4
2065	Confectionery products	7.2	7.4	6.7	-0.2	0.5
2066	Chocolate & cocoa products	6.0	6.0	3.4	0.0	2.6
	Other sugar products	2.1	2.3	2.8	-0.2	-0.7
208	Beverages	9.4	9.1	9.7	0.3	-0.3
	Other food & kindred products	8.4	8.6	9.1	-0.2	-0.7
21	Tobacco manufacturers	3.3	3.3	3.3	0.0	0.0
22	Textile mill products	43.7	44.0	44.4	-0.3	-0.7
222	Weaving mills, synthetics	4.9	4.9	4.9	0.0	0.0
225	Knitting mills	22.0	22.3	22.0	-0.3	0.0
2253	Knit outerwear mills	12.6	12.6	11.5	0.0	1.1
2254	Knit underwear mills	4.4	4.4	4.7	0.0	-0.3
	Other knitting mills	5.0	5.3	5.8	-0.3	-0.8
227	Floor covering mills	3.5	3.5	3.7	0.0	-0.2
228	Yarn & thread mills	3.8	3.8	4.1	0.0	-0.3
	Other textile mill products	9.5	9.5	9.7	0.0	-0.2

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(concl.)

Industry Detail

(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Nov. 1981	Oct. 1981	Nov. 1980	Oct. 1981	Nov. 1980
23	Apparel & other textile products	121.1	123.6	122.1	-2.5	-1.0
231	Men's & boys' suits & coats	16.4	16.0	16.4	0.4	0.0
232	Men's & boys' furnishings	20.5	21.2	21.1	-0.7	-0.6
2321	Men's & boys' shirts & nightwear	7.7	7.7	7.6	0.0	0.1
2327	Men's & boys' separate trousers	5.1	5.1	5.2	0.0	-0.1
	Other furnishings and work clothing	7.7	8.4	8.3	-0.7	-0.6
233	Women's & misses' outerwear	53.6	54.9	54.4	-1.3	-0.8
234	Women's & children's undergarments	10.8	11.0	10.3	-0.2	0.5
236	Children's outerwear	7.9	8.1	7.8	-0.2	0.1
	Other apparel & textile products	11.9	12.4	12.1	-0.5	-0.2
26	Paper & allied products	41.4	41.9	42.2	-0.5	-0.8
262	Paper mills exc. building paper	11.3	11.2	11.7	0.1	-0.4
265	Paper board containers & boxes	13.5	13.8	13.9	-0.3	-0.4
2653	Corrugated & solid fiber boxes	7.0	7.1	7.1	-0.1	-0.1
	Other paperboard containers	6.5	6.7	6.8	-0.2	-0.3
	Other paper & allied products	16.6	16.9	16.6	-0.3	0.0
27	Printing & publishing	73.5	73.0	72.1	0.5	1.4
271	Newspapers	24.3	24.2	23.9	0.1	0.4
273	Books	6.1	6.0	6.3	0.1	-0.2
275	Commercial printing	22.2	22.1	21.7	0.1	0.5
2752	Lithographing	12.2	12.2	12.1	0.0	0.1
	Other commercial printing	10.0	9.9	9.6	0.1	0.4
276	Manifold business forms	4.4	4.4	4.3	0.0	0.1
	Other printing & publishing	16.5	16.3	15.9	0.2	0.6
28	Chemicals & allied products	60.7	60.7	60.4	0.0	0.3
281	Industrial inorganic chemicals	11.2	11.2	11.0	0.0	0.2
282	Plastic materials & synthetics	7.9	7.9	8.2	0.0	-0.3
283	Drugs	18.4	18.3	17.4	0.1	1.0
284	Soap, cleaners & toilet goods	3.1	3.1	3.2	0.0	-0.1
285	Paints & allied products	4.3	4.4	4.5	-0.1	-0.2
	Other chemicals & allied products	15.8	15.8	16.1	0.0	-0.3
29	Petroleum & coal products	15.7	15.9	16.1	-0.2	-0.4
291	Petroleum refining	12.2	12.2	12.3	0.0	-0.1
	Other petroleum & coal products	3.5	3.7	3.8	-0.2	-0.3
30	Rubber & misc. plastics products	35.0	35.5	35.8	-0.5	-0.8
301	Tires & inner tubes	4.5	4.5	4.7	0.0	-0.2
306	Fabricated rubber products, nec	4.1	4.2	4.4	-0.1	-0.3
	Other rubber & plastic products, nec	26.4	26.8	26.7	-0.4	-0.3
31	Leather & leather products	14.7	15.0	15.7	-0.3	-1.0
314	Footwear, exc. rubber	11.2	11.4	12.3	-0.2	-1.1
3143	Men's footwear, exc. athletic	4.7	4.7	4.9	0.0	-0.2
3144	Women's footwear, exc. athletic	2.4	2.5	3.2	-0.1	-0.8
	Other footwear	4.1	4.2	4.2	-0.1	-0.1
	Other leather & leather products	3.5	3.6	3.4	-0.1	0.1

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980
TOTAL MANUFACTURING INDUSTRIES	$333.26	$329.22	$312.44	39.3	39.1	39.4	$ 8.48	$ 8.42	$ 7.93
TOTAL DURABLE GOODS	380.84	374.26	354.64	40.3	39.9	40.3	9.45	9.38	8.80
Lumber & wood products	255.53	249.87	227.52	38.6	38.5	39.5	6.62	6.49	5.76
Millwork, plywood & structural	276.28	264.62	231.08	39.3	38.8	39.5	7.03	6.82	5.85
Other lumber & wood products	244.10	241.67	225.94	38.2	38.3	39.5	6.39	6.31	5.72
Furniture & fixtures	268.03	264.34	252.59	38.4	38.2	39.1	6.98	6.92	6.46
Household furniture	246.52	246.40	229.12	38.7	38.5	39.3	6.37	6.40	5.83
Office furniture	288.04	286.52	268.66	38.0	38.0	38.6	7.58	7.54	6.96
Other furniture & fixtures	290.31	278.54	280.92	38.3	38.0	39.4	7.58	7.33	7.13
Stone, clay & glass products	361.96	356.93	340.13	41.7	41.6	42.2	8.68	8.58	8.06
Glass & glassware, pressed or blown	363.13	345.95	310.05	41.5	40.7	39.0	8.75	8.50	7.95
Glass containers	372.40	375.87	327.08	40.0	40.9	38.3	9.31	9.19	8.54
Other pressed or blown glass	353.53	317.52	293.04	42.8	40.5	39.6	8.26	7.84	7.40
Hydraulic cement	520.57	523.74	474.14	42.6	43.0	42.6	12.22	12.18	11.13
Structural clay products	310.90	312.01	267.33	40.8	41.0	38.8	7.62	7.61	6.81
Pottery & related products	314.36	325.86	301.14	40.2	41.3	42.0	7.82	7.89	7.17
Concrete, gypsum & plaster prods.	345.02	350.73	302.60	42.7	43.3	40.4	8.08	8.10	7.49
Other stone, clay & glass prods.	377.64	370.77	402.90	42.1	41.8	47.4	8.97	8.87	8.50
Primary metal industries	453.12	445.74	432.00	38.4	38.0	38.4	11.80	11.73	11.25
Blast furnace & basic steel prods.	485.79	477.28	467.59	37.6	37.2	37.8	12.92	12.83	12.37
Blast furnaces & steel mills	489.72	483.18	473.48	37.1	36.8	37.4	13.20	13.13	12.66
Other basic steel products	445.21	421.28	409.04	42.2	41.1	42.3	10.55	10.25	9.67
Iron & steel foundries	366.62	359.50	312.91	40.6	39.9	37.7	9.03	9.01	8.30
Gray iron foundries	354.89	352.40	310.27	40.1	40.0	37.7	8.85	8.81	8.23
Steel foundries, n.e.c.	388.32	379.08	310.90	41.8	40.5	38.1	9.29	9.36	8.16
Malleable iron & steel invest.	358.60	347.49	321.29	39.8	39.0	37.1	9.01	8.91	8.66
Nonferrous rolling & drawing	361.58	358.09	355.61	40.4	40.1	43.0	8.95	8.93	8.27
Nonferrous foundries	333.68	334.55	295.89	41.4	41.1	39.4	8.06	8.14	7.51
Other primary metal products	353.53	342.15	340.43	41.3	40.3	42.5	8.56	8.49	8.01
Fabricated metal prods., incl. ordn.	353.50	348.00	331.30	40.4	40.0	40.7	8.75	8.70	8.14
Metal cans & shipping containers	456.19	435.75	372.71	43.2	41.5	40.6	10.56	10.50	9.18
Cutlery, hand tools & hardware	272.55	271.26	269.38	39.5	39.6	41.7	6.90	6.85	6.46
Plumbing & heating exc. electrical	330.72	333.98	319.03	41.6	41.8	42.2	7.95	7.99	7.56
Fabricated structural metal prods.	336.51	333.28	315.06	40.3	40.3	40.6	8.35	8.27	7.76
Fabricated struct. metal	356.72	350.40	320.01	36.7	36.5	36.2	9.72	9.60	8.84
Fab. plate work (boiler shops)	350.99	340.85	317.29	41.1	40.1	41.1	8.54	8.50	7.72
Other fab. struct. metal prods.	319.55	320.80	311.71	41.5	42.1	42.7	7.70	7.62	7.30
Screw machine products, bolts,etc.	316.20	319.76	311.08	40.8	41.1	41.7	7.75	7.78	7.46
Metal forgings & stampings	431.98	423.65	403.65	40.6	39.3	39.0	10.64	10.78	10.35
Iron & steel forgings	409.81	378.42	315.55	42.6	40.3	35.1	9.62	9.39	8.99
Other metal forgings & stampings	439.70	439.14	433.63	39.9	39.0	40.3	11.02	11.26	10.76
Metal services & ordnance, n.e.c.	302.20	300.96	303.97	39.4	39.6	41.3	7.67	7.60	7.36
Misc. fabricated metal products	338.40	325.75	309.82	40.0	39.2	41.2	8.46	8.31	7.52
Valves & pipe fittings	364.62	343.57	338.95	41.2	39.4	43.4	8.85	8.72	7.81
Other misc. fab. metal products	323.44	315.54	296.86	39.3	39.1	39.9	8.23	8.07	7.44
Machinery, exc. electrical	386.40	380.30	358.70	42.0	41.7	42.3	9.20	9.12	8.48
Engines & turbines	443.70	448.64	424.35	43.5	43.6	45.0	10.20	10.29	9.43
Farm & garden machinery	378.81	378.24	346.58	39.5	39.4	39.7	9.59	9.60	8.73
Construction & related machinery	415.04	406.27	353.83	42.7	42.1	40.3	9.72	9.65	8.78
Construction machinery	427.04	420.24	359.04	41.3	40.8	38.4	10.34	10.30	9.35
Conveyors & conveying equipment	314.91	293.47	278.10	37.4	35.4	36.4	8.42	8.29	7.64
Other constr. & related mach.	422.81	414.60	363.79	44.6	44.2	42.4	9.48	9.38	8.58
Metal working machinery	372.40	374.51	356.18	40.0	40.4	40.8	9.31	9.27	8.73
Special industry machinery	362.85	346.26	344.38	41.0	39.8	42.1	8.85	8.70	8.18
General industrial machinery	382.33	376.26	374.40	42.2	41.9	45.0	9.06	8.98	8.32
Pumps & pumping equipment	404.78	401.12	372.53	43.2	42.9	45.1	9.37	9.35	8.26
Ball & roller bearings	378.62	379.66	332.24	40.8	41.0	39.6	9.28	9.26	8.39
Air & gas compressors	380.79	397.38	413.82	41.3	42.5	48.4	9.22	9.35	8.55
Industrial furnaces & ovens	347.91	342.11	338.22	38.7	38.7	40.7	8.99	8.84	8.31
Other general industrial mach.	385.87	367.20	383.98	43.7	42.5	46.6	8.83	8.64	8.24
Office and computing machines	478.58	454.84	393.12	46.6	44.9	41.6	10.27	10.13	9.45
Refrigeration & serv. ind. mach.	336.61	337.41	299.84	40.9	41.4	41.3	8.23	8.15	7.26
Misc. machinery, exc. electrical	343.98	339.78	350.35	42.0	42.0	43.2	8.19	8.09	8.11

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980
Electrical & electronic equipment	$335.79	$330.89	$304.50	41.0	40.6	40.6	$ 8.19	$ 8.15	$ 7.50
Electric distributing equipment	431.16	423.31	393.83	45.1	44.7	44.3	9.56	9.47	8.89
Transformers	422.28	413.58	341.42	45.9	45.2	40.5	9.20	9.15	8.43
Switchgear & switchbrd apparatus	435.83	428.98	419.96	44.7	44.5	46.2	9.75	9.64	9.09
Electrical industrial apparatus	335.34	321.50	292.30	40.5	39.4	39.5	8.28	8.16	7.40
Household appliances	282.68	282.70	276.14	38.2	38.1	38.3	7.40	7.42	7.21
Electric lighting & wiring equip.	311.00	310.43	286.12	40.6	40.9	40.7	7.66	7.59	7.03
Current-carrying wiring devices	296.74	300.03	293.99	40.1	40.6	41.7	7.40	7.39	7.05
Other elect lght & wirng equip.	324.31	319.76	280.40	41.0	41.1	40.0	7.91	7.78	7.01
Communication equipment	345.84	333.69	320.38	44.0	42.4	41.5	7.86	7.87	7.72
Electronic components & access.	327.64	327.62	290.97	40.3	40.1	40.3	8.13	8.17	7.22
Semiconductors & related devices	429.11	428.67	389.79	41.3	41.1	42.6	10.39	10.43	9.15
Other electronic comp.& access.	281.30	279.97	241.64	39.9	39.6	39.1	7.05	7.07	6.18
Other electrical equip. & supplies	275.46	275.15	271.43	38.1	37.9	38.5	7.23	7.26	7.05
Transportation equipment	427.58	414.80	374.94	40.8	40.0	40.1	10.48	10.37	9.35
Motor vehicles & equipment	460.02	437.10	405.62	41.0	39.7	40.4	11.22	11.01	10.04
Motor vehicle parts & access.	503.98	453.44	423.07	44.6	41.6	41.6	11.30	10.90	10.17
Other motor vehicles & equip.	427.43	425.86	393.62	38.3	38.4	39.6	11.16	11.09	9.94
Aircraft & parts	449.59	429.62	383.31	41.9	40.8	41.8	10.73	10.53	9.17
Ship & boat building & repairing	469.47	432.13	389.06	44.1	42.2	41.7	10.65	10.24	9.33
Railroad equipment	398.27	407.93	366.89	39.2	39.3	37.4	10.16	10.38	9.81
Other transportation equipment	319.84	330.04	298.29	39.1	40.2	41.2	8.18	8.21	7.24
Instruments & related products	331.93	329.13	296.06	41.7	41.4	40.5	7.96	7.95	7.31
Measuring & controlling devices	358.01	348.08	308.32	43.5	42.5	41.0	8.23	8.19	7.52
Medical instruments & supplies	321.10	312.02	290.40	40.8	39.9	40.0	7.87	7.82	7.26
Other instruments & related prods.	273.26	294.40	267.70	37.9	40.0	39.6	7.21	7.36	6.76
Misc. manufacturing industries	306.28	301.99	301.98	40.3	40.7	42.0	7.60	7.42	7.19
TOTAL NONDURABLE GOODS	266.76	264.48	248.90	38.0	38.0	38.0	7.02	6.96	6.55
Food & kindred products	310.31	302.88	290.50	40.3	39.8	40.8	7.70	7.61	7.12
Meat products	312.12	294.52	296.30	40.8	38.2	40.7	7.65	7.71	7.28
Meat packing plants	346.44	341.55	338.64	42.3	41.4	40.8	8.19	8.25	8.30
Sausages & other prepared meats	383.40	363.63	340.20	40.4	39.1	40.5	9.49	9.30	8.40
Poultry dressing & processing	213.44	183.31	213.38	39.6	34.2	40.8	5.39	5.36	5.23
Dairy products	305.14	311.22	286.49	41.8	42.4	41.4	7.30	7.34	6.92
Fluid milk	345.59	343.51	316.08	42.3	42.2	42.2	8.17	8.14	7.49
Other dairy products	270.93	284.14	261.29	41.3	42.6	40.7	6.56	6.67	6.42
Preserved fruits & vegetables	282.00	277.80	260.76	40.0	39.8	41.0	7.05	6.98	6.36
Canned fruits & vegetables	208.29	229.89	196.83	36.8	39.5	38.9	5.66	5.82	5.06
Other preserved fruits & vegs.	347.92	324.00	327.46	42.9	40.0	43.2	8.11	8.10	7.58
Grain mill products	315.06	305.96	314.93	40.6	40.1	42.5	7.76	7.63	7.41
Bakery products	306.15	293.76	287.12	39.1	38.5	40.9	7.83	7.63	7.02
Bread, cake & related products	302.64	297.22	272.22	38.9	38.6	39.0	7.78	7.70	6.98
Cookies & crackers	312.44	286.46	316.48	39.4	38.4	44.7	7.93	7.46	7.08
Sugar & confectionery products	338.65	336.13	289.81	40.9	41.6	38.9	8.28	8.08	7.45
Confectionery products	278.30	277.85	232.23	39.7	40.8	36.4	7.01	6.81	6.38
Chocolate & cocoa products	366.13	356.79	276.71	41.0	41.2	39.7	8.93	8.66	6.97
Other sugar products	528.53	531.76	460.36	45.8	46.0	45.4	11.54	11.56	10.14
Beverages	384.48	377.08	370.78	40.6	40.2	40.7	9.47	9.38	9.11
Other food & kindred products	252.41	249.08	257.92	39.5	39.6	41.6	6.39	6.29	6.20
Tobacco manufacturers	190.08	189.14	175.50	38.4	38.6	39.0	4.95	4.90	4.50
Textile mill products	209.63	209.43	200.46	37.5	37.6	39.0	5.59	5.57	5.14
Weaving mills, synthetics	244.96	241.02	232.72	41.1	41.2	42.7	5.96	5.85	5.45
Knitting mills	190.25	191.86	182.30	36.1	36.2	37.9	5.27	5.30	4.81
Knit outerwear mills	190.62	198.07	189.24	36.8	37.8	38.7	5.18	5.24	4.89
Knit underwear mills	177.26	171.66	160.92	35.1	34.4	36.0	5.05	4.99	4.47
Other knitting mills	199.50	193.34	185.11	35.0	33.8	37.7	5.70	5.72	4.91
Floor covering mills	279.51	261.00	255.60	38.5	36.3	40.0	7.26	7.19	6.39
Yarn & thread mills	197.38	199.80	193.29	38.4	39.1	38.2	5.14	5.11	5.06
Other textile mill products	222.32	223.49	209.75	38.2	38.6	39.5	5.82	5.79	5.31

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

Industry Detail

(concl.)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980
Apparel & other textile products	$172.78	$177.11	$158.54	33.1	33.8	31.9	$ 5.22	$ 5.24	$ 4.97
Men's & boys' suits & coats	231.31	237.60	216.75	36.6	37.3	36.8	6.32	6.37	5.89
Men's & boys' furnishings	171.27	174.03	168.57	34.6	35.3	34.9	4.95	4.93	4.83
Men's & boys' shirts & nightwear	181.42	180.79	168.37	37.1	37.2	35.9	4.89	4.86	4.69
Men's & boys' separate trousers	195.47	197.26	186.73	35.8	35.8	34.2	5.46	5.51	5.46
Other furnishings & wrk. clothng	145.23	154.18	157.78	31.3	33.3	34.6	4.64	4.63	4.56
Women's & misses' outerwear	159.95	164.33	141.93	30.7	31.3	28.5	5.21	5.25	4.98
Women's & children's undergarments	152.64	160.30	136.45	33.4	35.0	33.2	4.57	4.58	4.11
Children's outerwear	161.85	172.04	151.52	32.5	34.0	31.5	4.98	5.06	4.81
Other apparel & textile products	178.12	178.00	157.20	36.5	36.7	34.1	4.88	4.85	4.61
Paper & allied products	324.02	324.70	314.09	42.3	42.5	44.3	7.66	7.64	7.09
Paper mills exc. building paper	417.19	425.31	389.00	46.2	47.1	46.2	9.03	9.03	8.42
Paper board containers & boxes	312.77	307.75	314.76	41.1	40.6	43.0	7.61	7.58	7.32
Corrugated & solid fiber boxes	329.75	330.30	329.38	41.9	42.4	43.0	7.87	7.79	7.66
Other paperboard containers	295.07	285.57	299.01	40.2	38.8	42.9	7.34	7.36	6.97
Other paper & allied products	287.04	290.09	274.57	41.3	41.8	44.5	6.95	6.94	6.17
Printing & publishing	331.18	329.87	299.75	39.1	38.9	37.8	8.47	8.48	7.93
Newspapers	324.62	321.30	297.57	35.4	35.0	33.1	9.17	9.18	8.99
Books	296.25	296.01	242.85	39.5	39.0	36.3	7.50	7.59	6.69
Commercial printing	343.09	342.91	318.27	39.3	39.1	39.1	8.73	8.77	8.14
Lithographing	356.72	357.37	311.47	39.2	39.1	38.5	9.10	9.14	8.09
Other commercial printing	327.85	324.48	327.18	39.5	39.0	39.9	8.30	8.32	8.20
Manifold business forms	376.52	372.00	332.21	45.2	45.2	43.2	8.33	8.23	7.69
Other printing & publishing	316.41	319.18	289.77	39.9	40.3	39.0	7.93	7.92	7.43
Chemicals & allied products	378.56	370.23	349.03	41.6	41.0	41.8	9.10	9.03	8.35
Industrial inorganic chemicals	392.11	390.82	343.61	42.9	42.9	41.2	9.14	9.11	8.34
Plastic materials & synthetics	392.90	366.44	358.68	40.8	38.9	42.7	9.63	9.42	8.40
Drugs	397.94	388.66	369.04	40.4	39.7	40.2	9.85	9.79	9.18
Soap, cleaners & toilet goods	348.42	333.71	312.32	44.9	44.2	44.3	7.76	7.55	7.05
Paints & allied products	332.60	335.94	301.85	38.9	39.2	38.6	8.55	8.57	7.82
Other chemicals & allied products	368.48	364.59	350.83	42.5	42.1	43.1	8.67	8.66	8.14
Petroleum & coal products	484.77	473.88	474.00	42.9	42.5	45.1	11.30	11.15	10.51
Petroleum refining	516.52	502.18	504.88	42.9	42.2	45.2	12.04	11.90	11.17
Other petroleum & coal products	377.50	381.50	366.46	42.8	43.6	44.8	8.82	8.75	8.18
Rubber & misc. plastics products	289.98	283.51	258.04	40.9	40.1	40.7	7.09	7.07	6.34
Tires & inner tubes	392.84	369.00	369.35	43.6	41.0	43.3	9.01	9.00	8.53
Fabricated rubber products, nec	352.99	339.00	318.14	43.1	41.8	43.7	8.19	8.11	7.28
Other rubber & plastic prods., nec	267.73	265.47	235.60	40.2	39.8	40.0	6.66	6.67	5.89
Leather & leather products	180.68	181.79	171.67	36.5	36.8	37.4	4.95	4.94	4.59
Footwear, exc. rubber	166.14	169.78	158.70	35.5	36.2	36.4	4.68	4.69	4.36
Men's footwear, exc. athletic	172.32	177.51	176.40	35.9	36.6	38.1	4.80	4.85	4.63
Women's footwear, exc. athletic	163.00	170.40	138.36	34.1	35.5	33.5	4.78	4.80	4.13
Other footwear	160.83	161.17	153.41	35.9	36.3	36.7	4.48	4.44	4.18
Other leather & leather products	231.38	222.32	218.65	40.1	38.8	41.1	5.77	5.73	5.32
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	440.56	428.12	381.49	44.1	44.0	45.2	9.99	9.73	8.44
Bituminous coal & lignite mining	559.00	551.37	372.28	45.3	44.9	32.4	12.34	12.28	11.49
Nonmetallic minerals, exc. fuels	369.78	371.04	350.32	43.3	43.6	43.9	8.54	8.51	7.98
Communication	435.99	421.47	391.48	40.9	39.5	40.4	10.66	10.67	9.69
Electric, gas, & sanitary services	467.57	468.70	438.91	42.7	43.0	44.2	10.95	10.90	9.93
Electric services	448.15	450.28	414.12	42.6	42.6	42.3	10.52	10.57	9.79
Gas production & distribution	415.65	419.87	423.90	42.5	43.6	47.1	9.78	9.63	9.00
General merchandise stores	145.67	146.86	135.85	27.8	27.4	27.5	5.24	5.36	4.94
Banking	198.46	197.63	186.68	INA	INA	INA	INA	INA	INA
Insurance carriers	252.37	251.22	229.43	INA	INA	INA	INA	INA	INA
Life insurance	231.36	230.96	213.03	INA	INA	INA	INA	INA	INA
Fire, marine & casualty insurance	257.58	255.29	227.42	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1974	$180.97	39.6	$4.57	$203.45	41.1	$4.95	$146.59	37.3	$3.93	$239.61	41.1	$5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1980	294.49	38.8	7.59	332.64	39.6	8.40	236.50	37.6	6.29	399.81	37.4	10.69
1980 Nov	312.44	39.4	7.93	354.64	40.3	8.80	248.90	38.0	6.55	432.00	38.4	11.25
Dec	318.79	39.7	8.03	361.82	40.7	8.89	252.98	38.1	6.64	438.08	38.7	11.32
1981 Jan	317.13	39.2	8.09	359.79	40.2	8.95	251.92	37.6	6.70	441.54	38.8	11.38
Feb	318.30	39.2	8.12	362.30	40.3	8.99	251.92	37.6	6.70	439.30	38.2	11.50
Mar	320.72	39.4	8.14	366.12	40.5	9.04	254.02	37.8	6.72	447.74	38.9	11.51
Apr	322.22	39.2	8.22	368.04	40.4	9.11	254.32	37.4	6.80	462.11	39.7	11.64
May	324.66	39.4	8.24	367.03	40.2	9.13	260.99	38.1	6.85	444.65	38.2	11.64
Jun	325.84	39.4	8.27	369.55	40.3	9.17	260.99	38.1	6.85	443.12	38.2	11.60
Jul	324.53	39.1	8.30	366.03	39.7	9.22	262.89	38.1	6.90	440.80	38.0	11.60
Aug	330.17	39.4	8.38	376.27	40.2	9.36	263.20	38.2	6.89	464.01	38.7	11.99
Sep	332.42	39.2	8.48	378.80	40.0	9.47	263.41	37.9	6.95	478.76	39.6	12.09
Oct	329.22	39.1	8.42	374.26	39.9	9.38	264.48	38.0	6.96	445.74	38.0	11.73
Nov	333.26	39.3	8.48	380.84	40.3	9.45	266.76	38.0	7.00	453.12	38.4	11.80

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1974	$196.24	41.4	$4.74	$209.78	42.9	$4.89	$175.96	39.9	$4.41	$215.54	40.9	$5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1980	309.57	40.1	7.72	338.60	41.7	8.12	287.68	39.9	7.21	356.40	39.6	9.00
1980 Nov	331.30	40.7	8.14	358.70	42.3	8.48	304.50	40.6	7.50	374.94	40.1	9.35
Dec	340.31	41.4	8.22	367.22	42.8	8.58	310.43	40.9	7.59	382.18	40.4	9.46
1981 Jan	332.48	40.3	8.25	356.49	41.5	8.59	309.42	40.5	7.64	381.20	40.0	9.53
Feb	334.94	40.5	8.27	359.87	41.7	8.63	314.20	40.7	7.72	372.40	39.2	9.50
Mar	338.20	40.6	8.33	359.92	41.9	8.59	321.03	41.0	7.83	381.60	40.0	9.54
Apr	336.47	40.2	8.37	356.29	41.0	8.69	315.50	40.5	7.79	377.06	39.4	9.57
May	343.40	40.4	8.50	364.79	41.5	8.79	317.87	40.7	7.81	384.87	39.8	9.67
Jun	351.29	40.8	8.61	368.26	41.8	8.81	317.12	40.5	7.83	392.98	40.1	9.80
Jul	338.70	39.8	8.51	366.80	41.4	8.86	313.22	39.9	7.85	401.58	39.8	10.09
Aug	346.40	40.0	8.66	373.63	41.7	8.96	321.20	40.2	7.99	401.39	39.9	10.06
Sep	346.10	39.6	8.74	375.58	41.5	9.05	317.59	39.6	8.02	399.29	39.3	10.16
Oct	348.00	40.0	8.70	380.30	41.7	9.12	330.89	40.6	8.15	414.80	40.0	10.37
Nov	353.50	40.4	8.75	386.40	42.0	9.20	335.79	41.0	8.19	427.58	40.8	10.48

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1974	$171.68	40.3	$4.26	$124.74	37.8	$3.30	$103.02	32.6	$3.16	$189.52	38.0	$4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.28	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1980	274.33	39.7	6.91	192.89	38.5	5.01	153.12	32.1	4.77	284.56	37.1	7.67
1980 Nov	290.50	40.8	7.12	200.46	39.0	5.14	158.54	31.9	4.97	299.75	37.8	7.93
Dec	297.02	40.8	7.28	200.85	39.0	5.15	160.96	32.0	5.03	313.95	39.0	8.05
1981 Jan	297.41	40.3	7.38	203.37	38.3	5.31	161.41	31.9	5.06	305.80	37.8	8.09
Feb	300.17	40.4	7.43	205.35	38.6	5.32	161.14	32.1	5.02	304.94	37.6	8.11
Mar	299.09	40.2	7.44	206.12	38.6	5.34	166.62	32.8	5.08	307.31	37.8	8.13
Apr	297.83	39.5	7.54	207.13	38.5	5.38	163.57	31.7	5.16	311.76	38.3	8.14
May	311.60	41.0	7.60	210.92	38.7	5.45	168.35	32.5	5.18	312.19	38.4	8.13
Jun	309.78	40.6	7.63	210.14	38.7	5.43	169.06	32.7	5.17	317.34	38.7	8.20
Jul	310.90	40.8	7.62	203.04	37.6	5.40	170.65	33.2	5.14	316.74	38.3	8.27
Aug	308.30	40.3	7.65	209.59	37.9	5.53	175.62	34.1	5.15	321.54	38.6	8.33
Sep	304.13	39.6	7.68	209.61	37.7	5.56	173.53	33.5	5.18	325.85	38.7	8.42
Oct	302.88	39.8	7.61	209.43	37.6	5.57	177.11	33.8	5.24	329.87	38.9	8.48
Nov	310.31	40.3	7.70	209.63	37.5	5.59	172.78	33.1	5.22	331.18	39.1	8.47

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1970	$131.71	39.2	$3.36	119.1	116.3	$113.25	$ 18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	247.0	119.23	175.26

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980
MANUFACTURING	891.5	907.1	933.5	35,079.0	35,504.1	36,782.0	297,423.0	298,787.1	291.671.6
DURABLE GOODS	522.9	534.3	560.7	21,080.4	21,335.7	22,614.5	199,132.6	200,119.1	198,897.1
NONDUR. GOODS	368.6	372.8	372.8	13,998.6	14,168.4	14,167.5	98,290.4	98,668.0	92,774.5

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.9	809.7	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,367.8	827.6	21.9	20.1	63.7	199.2	112.6	137.8
1979	1,386.7	853.8	23.0	20.2	64.7	204.1	118.0	141.2
1980	1,328.0	814.0	21.0	19.1	58.8	190.8	113.7	141.4
1980 Nov.	1,310.1	800.9	20.9	18.6	57.7	188.3	112.6	139.3
Dec.	1,310.4	800.1	20.7	18.7	56.9	189.6	110.4	139.0
1981 Jan.	1,300.2	795.3	19.3	18.7	55.6	190.2	109.5	138.4
Feb.	1,296.7	792.8	19.6	18.6	54.7	190.5	109.5	137.6
Mar.	1,296.3	789.7	20.4	18.4	55.4	189.3	109.3	135.7
Apr.	1,301.3	793.3	21.1	19.0	56.5	191.0	109.3	135.9
May	1,299.3	791.8	21.8	19.0	56.8	190.5	108.9	135.1
Jun.	1,309.0	796.3	21.9	19.0	57.9	191.6	108.6	135.5
Jul.	1,298.9	790.5	22.0	18.5	57.3	191.7	107.1	134.7
Aug.	1,306.4	791.9	22.0	19.2	57.9	189.7	108.6	134.9
Sep.	1,307.0	792.4	21.5	19.5	57.2	188.1	109.0	134.7
Oct.	1,283.6	774.3	20.1	19.1	56.5	181.6	106.5	134.1
Nov.	1,266.6	761.9	19.7	18.7	55.8	179.0	105.6	133.5

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.7	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.3	540.3	99.7	4.0	50.1
1979	127.1	87.3	42.9	25.3	532.9	99.3	3.6	47.1
1980	124.3	80.1	41.6	23.2	514.0	97.2	3.3	44.1
1980 Nov.	122.2	77.4	41.4	22.5	509.2	97.1	3.3	44.4
Dec.	122.7	78.8	41.4	21.9	510.3	99.5	3.4	44.8
1981 Jan.	121.2	78.6	41.7	22.1	504.9	96.4	3.3	44.2
Feb.	* 120.2	78.0	41.7	22.4	503.9	95.0	3.3	43.7
Mar.	119.6	77.0	41.8	22.8	506.6	94.6	3.3	43.1
Apr.	119.6	76.0	42.0	22.9	508.0	93.9	3.2	44.2
May	119.2	75.9	41.8	22.8	507.5	93.8	3.2	44.1
Jun.	120.8	75.3	42.0	23.7	512.7	94.1	3.2	44.9
Jul.	119.3	74.8	41.5	23.6	508.4	95.8	3.0	44.7
Aug.	120.4	74.6	41.5	23.1	514.5	96.8	3.2	44.8
Sep.	121.2	76.0	41.5	23.7	514.6	96.6	3.3	45.1
Oct.	120.7	71.8	41.0	22.9	509.3	96.4	3.3	44.0
Nov.	118.9	67.2	41.0	22.5	504.7	95.6	3.3	43.7

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)
Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	134.6	61.0	44.4	71.3	59.9	17.3	39.9	19.3
1979	128.6	59.9	44.6	72.2	61.0	17.3	41.8	17.3
1980	124.2	56.3	42.4	72.2	60.8	16.4	37.6	15.9
1980 Nov.	122.1	54.4	42.2	72.1	60.4	16.1	35.8	15.7
Dec.	120.3	54.0	41.7	72.5	60.2	16.0	36.2	15.7
1981 Jan.	119.4	54.3	41.7	72.2	60.0	15.9	36.2	15.6
Feb.	120.7	54.6	* 40.7	72.3	60.4	15.8	36.4	15.6
Mar.	122.8	55.9	41.7	72.6	60.7	16.1	36.1	15.6
Apr.	123.1	56.0	41.7	73.0	60.6	16.2	36.2	15.9
May	122.1	54.5	42.0	72.8	61.0	16.5	36.0	16.0
Jun.	122.9	54.1	43.0	73.2	61.8	16.8	36.9	15.9
Jul.	119.2	53.0	42.6	72.9	61.4	17.0	36.4	15.4
Aug.	123.6	54.6	43.2	72.8	61.2	16.9	36.5	15.5
Sep.	125.3	55.7	42.9	72.6	60.7	16.5	36.1	15.5
Oct.	123.6	54.9	41.9	73.0	60.7	15.9	35.5	15.0
Nov.	121.1	53.6	41.4	73.5	60.7	15.7	35.0	14.7

TABLE 12. SELECTED PENNSYLVANIA INDICES
(Not Adjusted)

1977 = 100

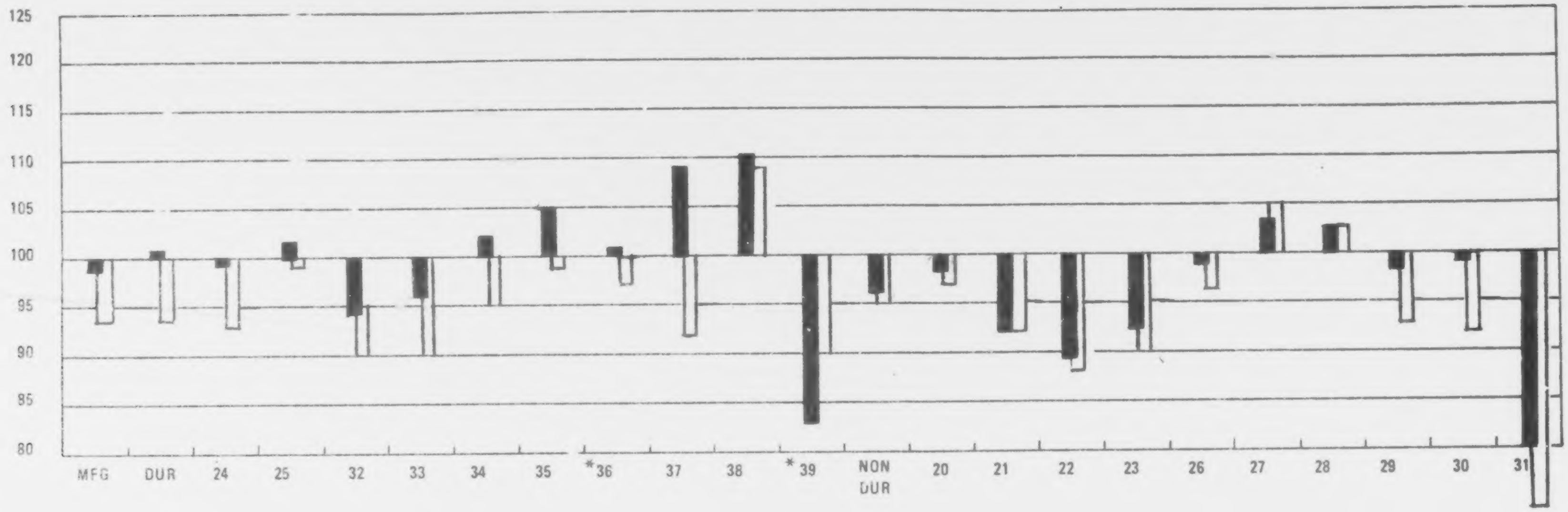
	1981		1980		ANNUAL AVERAGE	
Industry Group	Nov.	Oct.	Nov.		1980	1979
EMPLOYMENT						
All Manufacturing	94.4	95.7	97.6		99.0	103.3
Primary Metals	89.7	91.0	94.3		95.6	102.3
Apparel	90.4	92.2	91.1		92.7	96.0
All Nonmanufacturing	106.1	105.3	107.4		106.2	106.1
Construction	102.0	104.6	106.3		103.5	111.0
Retail Trade	103.8	102.6	106.0		137.9	105.0
Services	116.3	117.0	113.3		112.4	109.6
Government	98.7	94.5	103.1		102.4	101.4

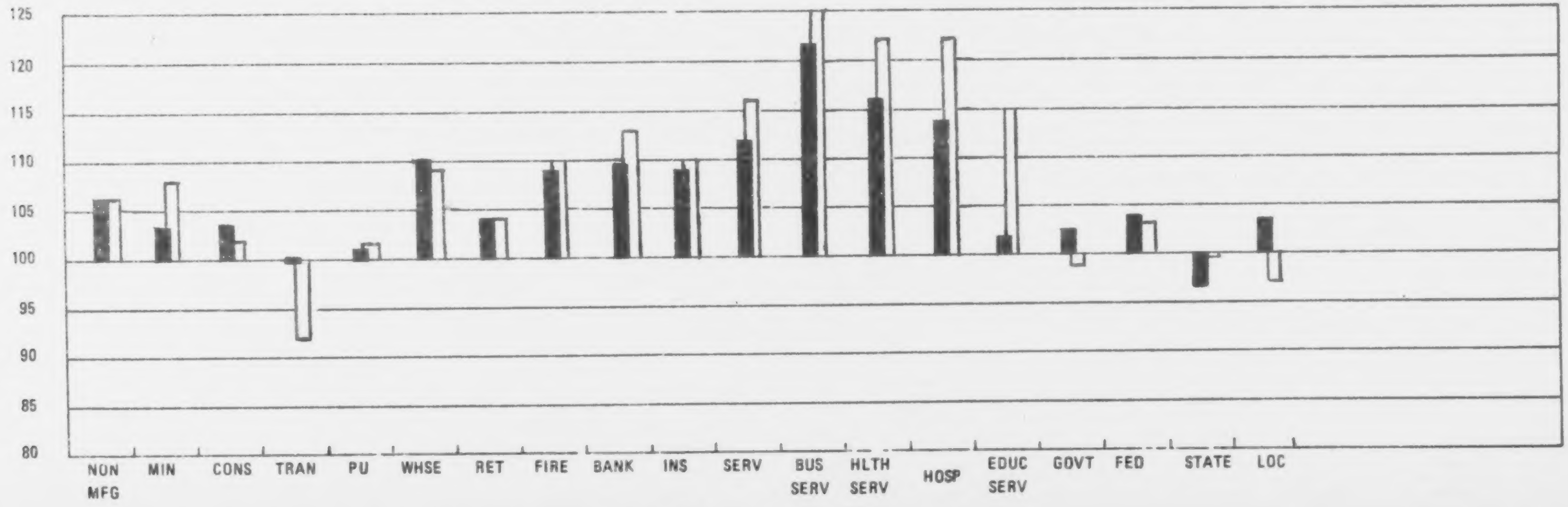
NONAGRICULTURAL JOB INDICES

(Not seasonally adjusted)

Showing the increase or decrease in jobs in the various industries.

INDEX ☐ CURRENT MONTH: NOVEMBER 1981 1977 = 100 ■ ANNUAL AVERAGE 1980





*Due to extensive industrial code changes;trend is not strictly comparable with the base year.

TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES MAJOR LABOR MARKET AREAS

(Per 100 Employees)

OCTOBER 1981

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Oct. 1981	Sep. 1981	Oct. 1980	Oct. 1981	Sep. 1981	Oct. 1980	Oct. 1981	Sep. 1981	Oct. 1980
PENNSYLVANIA	1,283.6	2.5	2.9	3.7	1.2	1.5	1.5	1.0	1.2	1.9
ALLENTOWN-BETHLEHEM-EASTON	105.1	2.5	2.4	2.6	1.3	1.6	1.1	0.4	0.5	1.3
ALTOONA	13.0	1.0	2.3	1.9	0.6	0.8	1.1	0.3	1.4	0.8
ERIE	40.3	2.7	2.8	2.3	1.8	1.8	0.9	0.8	0.7	0.9
HARRISBURG	41.4	1.6	1.6	2.4	0.9	1.1	1.7	0.6	0.3	0.5
JOHNSTOWN	17.0	3.2	4.3	3.7	0.7	1.1	0.6	2.4	2.7	2.7
LANCASTER	59.9	1.7	2.5	2.2	1.4	2.1	1.4	0.1	0.2	0.7
NORTHEAST	69.8	3.3	3.3	3.0	1.6	1.9	1.5	1.6	1.2	1.2
SCRANTON	28.0	4.3	3.0	3.2	1.9	2.4	1.7	2.4	0.4	1.4
WILKES-BARRE-HAZLETON	37.1	2.5	3.7	2.8	1.3	1.5	1.4	1.0	1.9	1.2
PHILADELPHIA	428.2	2.3	2.9	2.7	1.5	1.7	1.5	0.7	0.9	1.0
PITTSBURGH	232.9	2.1	2.7	3.3	0.5	0.7	0.6	1.2	1.6	2.2
READING	55.4	2.6	3.4	3.0	1.4	2.0	1.7	1.1	1.2	1.2
WILLIAMSPORT	15.3	5.1	2.0	1.6	0.7	0.9	0.6	4.3	0.9	0.9
YORK	67.2	2.2	4.4	2.6	1.6	2.6	2.0	0.5	1.7	0.5

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Oct. 1981	Sep. 1981	Oct. 1980	Oct. 1981	Sep. 1981	Oct. 1980	Oct. 1981	Sep. 1981	Oct. 1980
PENNSYLVANIA	1,283.6	4.5	3.7	3.8	0.8	1.1	1.1	2.9	1.8	2.0
ALLENTOWN-BETHLEHEM-EASTON	105.1	5.2	3.0	3.2	0.8	1.2	0.8	3.1	1.2	1.9
ALTOONA	13.0	2.8	2.2	4.0	0.4	0.7	0.6	2.2	1.1	2.9
ERIE	40.3	3.6	3.4	2.6	1.0	1.1	0.5	1.9	1.5	1.3
HARRISBURG	41.4	3.2	3.0	2.5	0.7	1.4	1.1	1.6	1.0	0.9
JOHNSTOWN	17.0	5.6	8.5	3.8	1.5	0.8	0.6	2.3	6.0	2.4
LANCASTER	59.9	2.1	3.0	2.5	0.9	1.7	1.2	0.8	0.4	0.8
NORTHEAST	69.8	4.0	3.6	3.8	1.0	1.4	1.1	2.6	1.7	2.2
SCRANTON	28.0	4.6	3.7	3.3	1.3	1.8	1.3	2.9	1.6	1.6
WILKES-BARRE-HAZLETON	37.1	4.0	4.0	3.9	0.8	1.4	0.9	2.6	2.0	2.6
PHILADELPHIA	428.2	4.0	3.0	2.7	0.8	1.2	0.9	2.4	1.1	1.1
PITTSBURGH	232.9	5.4	4.2	3.2	0.3	0.6	0.4	4.3	2.7	2.1
READING	55.4	2.8	3.7	2.8	1.0	1.3	1.1	0.9	1.8	1.1
WILLIAMSPORT	15.3	3.3	3.2	1.8	0.5	0.6	0.5	2.4	2.1	0.7
YORK	67.2	3.7	3.2	3.5	1.1	1.5	1.4	2.0	1.2	1.3

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980
PENNSYLVANIA	$333.26	$329.22	$312.44	39.3	39.1	39.4	$ 8.48	$ 8.42	$ 7.93
ALLENTOWN-BETHLEHEM-EASTON	340.56	342.03	313.73	38.7	39.0	38.4	8.80	8.77	8.17
ALTOONA	282.90	284.70	254.69	38.7	39.0	37.9	7.31	7.30	6.72
ERIE	366.54	361.47	326.40	41.7	41.5	40.8	8.79	8.71	8.00
HARRISBURG	304.97	300.30	291.05	38.8	39.0	40.2	7.86	7.70	7.24
JOHNSTOWN	321.53	333.14	318.54	37.0	37.6	37.3	8.69	8.86	8.54
LANCASTER	291.65	289.98	274.04	39.2	39.4	40.3	7.44	7.36	6.80
NORTHEAST	236.90	237.54	222.04	36.9	37.0	36.4	6.42	6.42	6.10
SCRANTON	244.05	246.24	222.23	38.8	38.9	37.1	6.29	6.33	5.99
WILKES-BARRE-HAZLETON	232.76	232.05	222.48	35.7	35.7	36.0	6.52	6.50	6.18
PHILADELPHIA	344.16	336.26	323.16	40.3	39.7	40.7	8.54	8.47	7.94
PITTSBURGH	413.82	409.46	384.87	39.6	39.6	39.8	10.45	10.34	9.67
READING	314.03	310.46	292.80	39.6	39.2	40.0	7.93	7.92	7.32
WILLIAMSPORT	326.03	321.96	296.34	40.3	40.6	40.1	8.09	7.93	7.39
YORK	312.48	312.57	283.68	40.9	41.4	40.7	7.64	7.55	6.97

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	Nov. 1981		Oct. 1981		Nov. 1980	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	7.9	8.4	7.5	8.0	7.1	7.5
PENNSYLVANIA	8.7	9.0	8.5	8.6	7.6	7.9
ALLENTOWN-BETH-EASTON	8.7	9.4	7.8	8.1	6.7	7.3
ALTOONA	11.9	12.0	11.5	11.7	10.5	10.4
ERIE	9.9	10.2	8.9	9.2	9.4	9.7
HARRISBURG	5.8	6.2	6.3	6.4	5.7	6.0
JOHNSTOWN	13.4	14.3	12.4	12.4	12.1	12.9
LANCASTER	6.1	6.4	5.3	5.6	5.5	5.9
NORTHEAST	10.2	10.5	9.6	10.3	10.0	10.2
SCRANTON	9.0	9.3	8.4	9.0	9.2	9.5
W BARRE-HAZLETON	11.2	11.7	10.8	10.9	10.4	10.8
PHILADELPHIA	7.8	8.0	8.3	8.2	6.5	6.7
PITTSBURGH	7.8	8.2	7.3	7.6	7.0	7.4
POTTSVILLE	10.8	--	10.5	--	9.6	--
READING	7.8	8.9	7.4	8.2	6.5	7.5
UNIONTOWN-CONNELLSVLE	12.1	--	11.4	--	11.7	--
WILLIAMSPORT	10.9	11.1	12.1	12.6	10.3	10.4
YORK	7.7	8.7	7.3	8.3	6.1	6.9

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980
UNITED STATES	106,864.0	106,926.0	105,287.0	98,393.0	98,902.0	97,801.0	8,470.0	8,024.0	7,468.0
PENNSYLVANIA	5,463.0	5,472.0	5,440.0	4,991.0	5,005.0	5,028.0	473.0	467.0	412.0
ALLENTOWN-BETH-EASTON	311.4	310.9	306.2	284.4	286.7	285.6	27.0	24.3	20.6
ALTOONA	57.8	57.7	60.6	50.9	51.1	54.2	6.9	6.6	6.3
ERIE	124.8	124.7	127.6	112.4	113.6	115.7	12.3	11.2	12.0
HARRISBURG	231.2	232.4	222.3	217.7	217.8	209.6	13.5	14.6	12.6
JOHNSTOWN	106.6	106.7	109.7	92.3	93.5	96.4	14.3	13.2	13.2
LANCASTER	185.7	185.9	179.9	174.4	176.1	170.0	11.3	9.8	9.9
NORTHEAST	288.7	288.3	293.2	259.3	260.7	264.0	29.4	27.6	29.2
SCRANTON	105.2	105.0	107.3	95.7	96.2	97.4	9.5	8.8	9.9
W BARRE-HAZLETON	156.8	156.8	158.1	139.2	139.9	141.7	17.6	16.9	16.4
PHILADELPHIA	2,154.9	2,160.3	2,177.5	1,987.1	1,980.9	2,035.7	167.8	179.4	141.8
PITTSBURGH	1,044.5	1,043.9	1,028.6	963.4	967.6	956.8	81.2	76.3	71.7
POTTSVILLE	65.1	64.6	67.4	58.1	57.8	60.9	7.0	6.8	6.5
READING	164.2	164.4	158.1	151.4	152.2	147.8	12.8	12.2	10.3
UNIONTOWN-CONNELLSVLE	59.1	59.0	60.3	51.9	52.2	53.2	7.2	6.7	7.1
WILLIAMSPORT	53.4	53.4	53.2	47.6	46.9	47.7	5.8	6.5	5.5
YORK	181.6	181.8	176.5	167.6	168.5	165.8	14.0	13.3	10.8

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

1/ STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	1/ Nonagricultural Wage and Salary			Private Sector *		
	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980
UNITED STATES	92,331.0	92,389.0	91,599.0	76,168.0	76,374.0	75,126.0
PENNSYLVANIA	4,693.2	4,703.1	4,781.0	3,984.7	4,007.1	4,039.6
ALLENTOWN-BETHLEHEM-EASTON	261.8	263.5	265.7	232.9	234.5	235.4
ALTOONA	49.2	49.3	49.8	41.6	42.0	42.1
ERIE	109.8	110.7	112.5	98.5	99.0	99.5
HARRISBURG	223.4	223.3	222.7	165.4	165.0	161.2
JOHNSTOWN	81.8	82.8	84.1	67.5	68.4	69.7
LANCASTER	154.8	155.4	155.8	140.3	141.0	140.5
NORTHEAST	238.3	238.9	241.3	200.5	201.5	201.9
SCRANTON	85.5	85.3	88.2	74.6	74.3	76.2
WILKES-BARRE-HAZLETON	123.4	123.1	123.9	105.1	105.1	104.2
PHILADELPHIA	1,896.8	1,888.4	1,926.9	1,615.3	1,614.7	1,627.6
PITTSBURGH	945.1	949.2	959.3	820.7	828.6	833.2
POTTSVILLE	45.4	45.2	48.0	38.7	38.5	40.4
READING	144.2	144.8	143.1	127.0	127.6	125.5
UNIONTOWN-CONNELLSVILLE	33.9	34.1	35.4	29.2	29.3	29.6
WILLIAMSPORT	46.7	46.0	47.6	40.5	39.8	41.0
YORK	157.8	158.3	158.9	139.7	140.7	140.4

Area	Manufacturing			Nonmanufacturing		
	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980
UNITED STATES	20,142.0	20,353.0	20,293.0	72,189.0	72,036.0	71,306.0
PENNSYLVANIA	1,266.6	1,283.6	1,310.1	3,419.8	3,395.6	3,462.8
ALLENTOWN-BETHLEHEM-EASTON	103.9	105.1	106.6	157.6	157.9	158.7
ALTOONA	12.8	13.0	12.4	36.4	36.3	37.4
ERIE	40.0	40.3	40.9	68.9	69.9	71.6
HARRISBURG	41.1	41.4	39.4	182.3	181.8	179.5
JOHNSTOWN	16.4	17.0	17.6	65.3	65.6	66.5
LANCASTER	59.5	59.9	59.3	95.3	95.5	96.5
NORTHEAST	69.6	69.8	70.4	168.7	169.1	170.7
SCRANTON	28.2	28.0	28.4	57.3	57.3	59.8
WILKES-BARRE-HAZLETON	36.7	37.1	37.2	86.7	86.0	86.2
PHILADELPHIA	426.5	428.2	437.9	1,469.6	1,438.7	1,485.8
PITTSBURGH	226.9	232.9	240.1	713.9	715.5	717.8
POTTSVILLE	19.2	19.3	19.8	26.2	25.9	28.2
READING	54.9	55.4	54.7	89.2	89.3	88.4
UNIONTOWN-CONNELLSVILLE	7.1	7.0	6.9	26.8	27.0	28.4
WILLIAMSPORT	16.0	15.3	16.4	30.7	30.7	31.2
YORK	66.7	67.2	66.8	91.1	91.1	91.8

* Excludes Government employment

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

JANUARY 1982

Vol. XXVII No. 1

BEGINNING WITH 1982 THIS PUBLICATION WILL BE ISSUED QUARTERLY RATHER THAN MONTHLY.

JOB SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY

In cooperation with the United States Bureau of Labor Statistics

BUR 652 REV 6-81

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing,to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING - ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 – 787-3129

Issued: January 1982 Reference: Mid-December

PENNSYLVANIA EMPLOYMENT AND EARNINGS

DECEMBER 1981

1981 ANNUAL AVERAGE EMPLOYMENT REACHES RECORD LEVEL

Employment decreased and unemployment increased during December as Pennsylvania's economy, on the whole, continued to be dictated by nationwide conditions. However, it's important to point out, 1981 showed an increase in the annual average employment to a record level of 4,972,000 Pennsylvanians working.

December estimates show 4,886,000 Pennsylvanians employed during the period--105,000 less than last month and 52,000 less than a year ago. Normal seasonal drops in certain industries coupled with a decline in the heavy manufacturing industries were the significant factors.

During December an estimated 500,000 Pennsylvanians, representing 9.3 percent of the labor force, were looking for work. This jobless volume increased 27,000 over November and 97,000 over the 12-month period.

Seasonally adjusted, the unemployment rate was 9.8 percent of the civilian labor force, up from 9 percent in November and 8 percent from a year ago. Among the nation's 10 largest states, however, the seasonally adjusted rate in Pennsylvania was still considerably below Ohio's 12.5 percent and Michigan's 15.1 percent. In addition, the unadjusted unemployment rates for the two major urban regions, Pittsburgh--8.2 percent and Philadelphia--8.1 percent ranked better than many urban centers in the Northeast/Midwest. Nationwide, December's rate of unemployment was 8.3 percent of the civilian labor force, up from November's 7.9 percent. Seasonally adjusted, the rate was 8.9 percent, up from November's 8.4 percent. The nation's seasonally adjusted rate was the highest since May 1975 when it was 9 percent.

FACTORY JOB NUMBERS AFFECTED BY FINAL QUARTER OF 1981

Factories lost jobs during December. Estimated at 1,252,400, manufacturing jobs dropped 13,300 from November to December and 58,000 over the 12-month period. In the latter comparison, however, most of the cuts occurred during the last three months, down 54,600 since September.

Durable goods producers pulled another 8,700 jobs from the ranks this month. Most significantly affected were FABRICATED METALS industries, STONE, CLAY AND GLASS producers, and ELECTRICAL MACHINERY manufacturers. Combined, these three industries accounted for a 5,100 job drain over the 30-day period. During the 12-month span durable industries showed a decline of more than 47,700 jobs--most noticeably in TRANSPORTATION EQUIPMENT and PRIMARY METALS industries.

SOME INDUSTRIES REPORT GAINS

Three industries showed slight upturns in December. These were NONELECTRICAL MACHINERY, RUBBER and PRINTING AND PUBLISHING. Three others held the line on jobs--TOBACCO, PAPER PRODUCTS and the MISCELLANEOUS MANUFACTURING group. PRINTING and MISCELLANEOUS MANUFACTURERS registered the only positive levels over the 12-month comparison.

The nondurable situation has been less severe. A loss of 4,600 jobs showed up primarily in the APPAREL, TEXTILE and FOOD industries with declines of lesser magnitude reflected in CHEMICALS, PETROLEUM and LEATHER. Two industries, PRINTING and RUBBER reported slight gains. CHEMICALS and LEATHER experienced a reduction in working time. On the brighter side, the TOBACCO, PAPER and PRINTING industries reported sizable advances in the workweek during the December period.

Factory earnings averaged $8.54 an hour for a 39-hour workweek. This represented an over-the-month inincrease of six cents in the rate and an overall drop of 18 minutes in factory working time.

Nationwide, factory workers averaged $8.26 an hour for a 40-hour workweek.

NON-FACTORY EMPLOYMENT FOLLOWED USUAL YEAR-END PATTERN; SERVICES SHOW OVER-THE-YEAR VIGOR

Non-factory jobs were also down in December. Dropping off 19,000 jobs after November's brief increase, these industries for the most part followed a rather usual year-end pattern. Declines were moderate and seasonal. Only RETAIL TRADE showed an increase in jobs for December. CONSTRUCTION slowed seasonally with a minus 14,800. SERVICES took an additional 6,600 bite on the job market.

Down more than 57,000 jobs since last December, GOVERNMENT positions and RETAIL TRADE jobs showed the greatest deficit. SERVICES showed some vigor, running better than 20,000 ahead of last year's job level. MINING and FINANCE, INSURANCE AND REAL ESTATE were on the plus side as well.

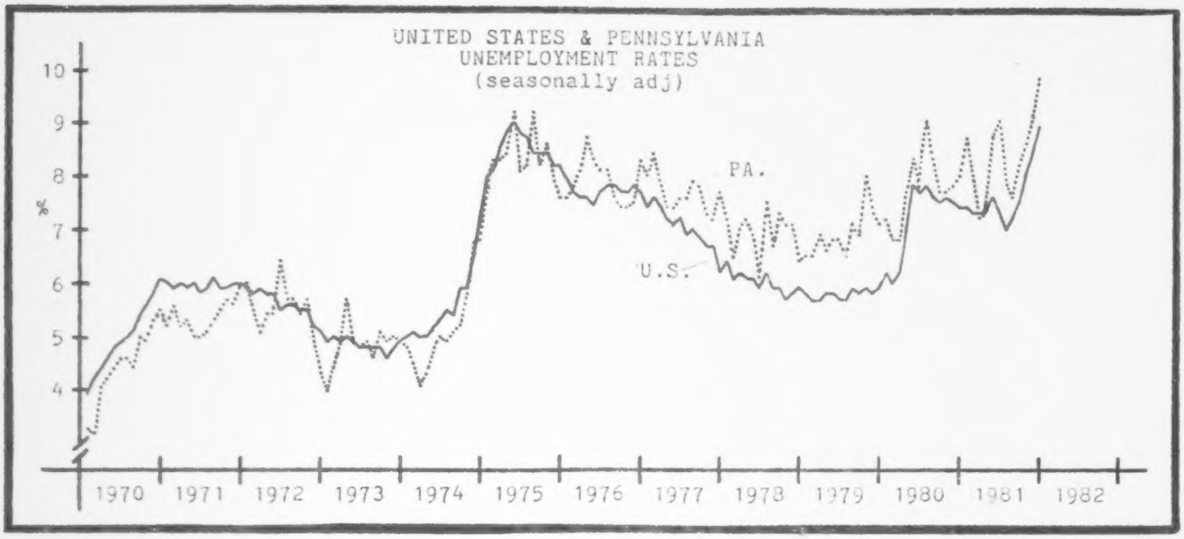

Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4.475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,828	4,610	218	4.5		82,715	78,627	4.088	4.9	
1971	4,801	4,542	260	5.4		84,113	79,120	4,993	5.9	
1972	4,870	4,607	264	5.4		86,542	81,702	4,840	5.6	
1973	4,988	4,747	241	4.8		88,714	84,409	4,304	4.9	
1974	5,036	4,778	258	5.1		91,011	85,935	5,076	5.6	
1975	5,063	4,646	421	8.3		92,613	84,783	7,830	8.5	
1976	5,094	4,690	404	7.9		94,773	87,485	7,288	7.7	
1977	5,165	4,767	398	7.7		97,401	90,546	6.855	7.0	
1978	5,255	4,891	364	6.9		100,420	94,373	6,047	6.0	
1979	5,296	4,930	366	6.9		102,908	96,945	5,963	5.8	
1980	5,368	4,950	417	7.8		104,719	97,270	7.448	7.1	
1980 Dec	5,341	4,938	403	7.5	8.0	104,778	97,545	7,233	6.9	7.4
1981 Jan	5,366	4,876	490	9.1	8.7	104,671	96,128	8,543	8.2	7.4
Feb	5,324	4,867	456	8.6	8.0	104,808	96,383	8,425	8.0	7.3
Mar	5,420	4,993	426	7.9	7.2	105,405	97,318	8,087	7.7	7.3
Apr	5,344	4,975	370	6.9	7.3	105,678	98,282	7,396	7.0	7.3
May	5,398	4,979	419	7.8	8.7	106,347	98,803	7,545	7.1	7.6
Jun	5,447	4,943	505	9.3	9.0	107,621	99,341	8,279	7.7	7.3
Jul	5,544	5,095	448	8.1	7.9	108,408	100,474	7,934	7.3	7.0
Aug	5,530	5,103	427	7.7	7.6	107,771	100,013	7,758	7.2	7.2
Sep	5,394	4,953	441	8.2	8.2	105,964	98,277	7,687	7.3	7.5
Oct	5,472	5,005	467	8.5	8.6	106,926	98,902	8,024	7.5	8.0
Nov	5,463	4,991	473	8.7	9.0	106,864	98,393	8,470	7.9	8.4
Dec	5,386	4,886	500	9.3	9.8	106,250	97,442	8,807	8.3	8.9

DATA IN THIS PUBLICATION ARE ARRANGED ACCORDING TO THE 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL. EMPLOYMENT DATA, BEGINNING WITH 1979, ARE BENCHMARKED TO FIRST QUARTER 1980. PRIOR YEARS ARE NOT, THEREFORE, STRICTLY COMPARABLE.

On all tables the most recent month's data are preliminary. They are subject to revision.

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From--	
	Dec. 1981	Nov. 1981	Dec. 1980	Nov. 1981	Dec. 1980
TOTAL CIVILIAN LABOR FORCE	5,386.0	5,463.0	5,341.0	-77.0	45.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	500.0	473.0	403.0	27.0	97.0
% CIVILIAN LABOR FORCE	9.3	8.7	7.5	0.6	1.8
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	530.0	488.0	430.0	42.0	100.0
% CIVILIAN LABOR FORCE	9.8	9.0	8.0	0.8	1.8
TOTAL EMPLOYMENT	4,886.0	4,991.0	4,938.0	-105.0	-52.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From--	
	Dec. 1981	Nov. 1981	Dec. 1980	Nov. 1981	Dec. 1980
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,657.0	4,689.1	4,769.3	-32.1	-112.3
LABOR-MANAGEMENT DISPUTES	7.1	6.7	4.3	0.4	2.8
ALL MANUFACTURING INDUSTRIES	1,252.4	1,265.7	1,310.4	-13.3	-58.0
TOTAL NONMANUFACTURING INDUSTRIES	3,397.5	3,416.7	3,454.6	-19.2	-57.1
Mining	50.3	52.1	49.5	-1.8	0.8
Anthracite	3.6	3.6	3.5	0.0	0.1
Bituminous	37.9	39.1	37.1	-1.2	0.8
Nonmetallic minerals	3.7	4.3	4.2	-0.6	-0.5
Contract Construction	172.9	187.7	181.1	-14.8	-8.2
General building	48.1	52.0	50.5	-3.9	-2.4
Heavy construction	30.1	36.2	31.9	-6.1	-1.8
Special trades	94.7	99.5	98.7	-4.8	-4.0
Transportation	145.5	146.4	156.9	-0.9	-11.4
Railroads	37.2	37.2	40.8	0.0	-3.6
Public Utilities	102.5	102.7	103.0	-0.2	-0.5
Communications	53.2	53.3	54.4	-0.1	-1.2
Electric, gas & sanitary service	49.3	49.4	48.6	-0.1	0.7
Electric systems	24.7	24.8	24.1	-0.1	0.6
Gas production	9.7	9.7	9.7	0.0	0.0
Wholesale trade	240.3	240.5	246.6	-0.2	-6.3
Retail trade	747.9	742.2	767.4	5.7	-19.5
General merchandise stores	127.7	122.4	131.3	5.3	-3.6
Department stores	112.9	108.2	116.7	4.7	-3.8
Finance, insurance & real estate	239.1	239.6	238.1	-0.5	1.0
Banking	81.4	81.5	79.7	-0.1	1.7
Commercial & stock savings	74.8	74.9	73.2	-0.1	1.6
Credit agencies & securities	30.5	30.5	31.1	0.0	-0.6
Insurance	70.5	70.4	69.8	0.1	0.7
Life insurance	27.0	27.1	26.8	-0.1	0.2
Fire, marine & casualty	29.3	29.1	28.8	0.2	0.5
Services	995.4	1,002.0	975.2	-6.6	20.2
Business services	132.6	134.1	134.8	-1.5	-2.2
Health services	335.0	334.6	323.6	0.4	11.4
Nursing & personal care	51.3	51.4	51.0	-0.1	0.3
Hospitals	208.8	208.3	197.7	0.5	11.1
Educational service	125.7	128.3	120.1	-2.6	5.6
Miscellaneous services	48.3	48.3	47.6	0.0	0.7
Engineering & architectural	30.5	30.7	30.2	-0.2	0.3
Government	703.6	703.5	736.8	0.1	-33.2
Federal	131.8	132.0	128.5	-0.2	3.3
State & local	571.8	571.5	608.3	0.3	-36.5

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Non-Manufacturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.2	3,854.3	1,314.9	3,223.3	48.0	183.9	938.9	221.7	717.2
1978	4,719.6	3,995.6	1,367.8	3,351.7	46.8	200.1	983.7	230.8	752.9
1979	4,806.8	4,086.1	1,386.7	3,420.1	51.7	204.2	992.5	239.4	753.1
1980	4,753.0	4,025.2	1,328.C	3,424.9	49.5	190.3	988.9	244.5	744.4
1980 Dec.	4,765.0	4,028.2	1,310.4	3,454.6	49.5	181.1	1,014.0	246.6	767.4
1981 Jan.	4,657.9	3,935.1	1,300.2	3,357.7	48.9	156.8	974.9	244.9	730.0
Feb.	4,661.6	3,926.3	1,295.7	3,364.9	48.8	157.2	964.9	243.3	721.6
Mar.	4,684.0	3,948.4	1,296.3	3,387.7	48.4	165.8	968.7	242.6	726.1
Apr.	4,694.9	3,961.2	1,301.3	3,393.6	* 27.5	177.7	976.8	243.6	733.2
May	4,710.2	3,973.7	1,299.3	3,410.9	* 26.2	181.4	983.3	243.3	740.0
Jun.	4,743.2	4,011.9	1,309.0	3,434.2	50.3	190.3	975.5	244.4	731.1
Jul.	4,688.2	3,988.4	1,298.9	3,389.3	51.4	195.8	966.7	242.7	724.0
Aug.	4,689.0	3,996.5	1,306.4	3,382.6	51.6	197.2	964.4	242.9	721.5
Sep.	4,655.6	4,001.7	1,307.0	3,348.6	52.3	191.9	966.2	241.7	724.5
Oct.	4,679.2	4,007.1	1,283.6	3,395.6	51.8	192.3	978.4	242.3	736.1
Nov.	4,682.4	3,978.9	1,265.7	3,416.7	52.1	187.7	982.7	240.5	742.2
Dec.	4,649.9	3,946.3	1,252.4	3,397.5	50.3	172.9	988.2	240.3	747.9

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.9	137.6	514.4
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.7	136.4	522.4
1974	161.1	104.4	207.3	773.6	154.9	618.7	682.0	136.6	545.4
1975	154.0	102.5	207.3	798.5	159.8	638.7	721.4	134.4	587.0
1976	155.4	101.1	211.4	839.7	165.5	674.2	722.1	131.7	590.4
1977	160.9	100.7	217.5	862.5	171.1	691.4	710.9	128.1	582.8
1978	165.7	100.9	226.6	903.9	177.9	726.0	724.1	129.5	594.5
1979	170.7	101.7	233.7	945.0	185.3	759.7	720.7	130.8	589.9
1980	160.9	101.8	236.7	969.1	194.2	774.9	727.7	133.5	594.2
1980 Dec.	156.9	103.0	238.1	975.2	197.7	777.5	736.8	128.5	608.3
1981 Jan.	152.4	102.9	238.0	961.0	198.5	762.5	722.8	128.7	594.1
Feb.	153.9	102.1	237.6	965.1	199.0	766.1	735.3	128.3	607.0
Mar.	152.8	102.5	237.9	976.0	200.0	776.0	735.6	128.7	606.9
Apr.	152.4	102.0	239.4	984.1	200.6	783.5	733.7	129.3	604.4
May	150.9	102.1	240.9	989.6	201.7	787.9	736.5	130.4	606.1
Jun.	150.3	103.3	243.2	990.0	205.2	784.8	731.3	132.3	599.0
Jul.	142.3	103.8	243.7	985.8	205.7	780.1	699.8	133.3	566.5
Aug.	142.5	104.0	242.9	987.5	206.3	781.2	692.5	132.4	560.1
Sep.	149.8	102.7	240.8	991.0	206.4	784.6	653.9	129.7	524.2
Oct.	149.7	102.7	239.6	1,009.0	208.0	801.0	672.1	131.4	540.7
Nov.	146.4	102.7	239.[illegible]	1,002.0	208.3	793.7	703.5	132.0	571.5
Dec.	145.5	102.5	239.1	995.4	208.8	786.6	703.6	131.8	571.8

PUBLICATION ANNOUNCEMENT

The Pennsylvania Office of Employment Security, Occupational Employment Statistics Section in cooperation with the U. S. Department of Labor, Bureau of Labor Statistics and Employment Training Administration is releasing the report "PENNSYLVANIA OCCUPATIONAL EMPLOYMENT (STAFFING PATTERNS) IN MANUFACTURING INDUSTRIES", for the survey period second quarter 1980. The report contains employment estimates for all manufacturing industries and occupations within these industries; and provides data on hours and earnings. If you wish to obtain a copy of this publication, complete the address form provided.

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Department of Labor and Industry
Office of Employment Security
R & S - Occupational Employment Statistics
Section
Room 1225, Labor and Industry Building
Harrisburg, PA 17121

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

NOVEMBER 1981

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980
All Manufacturing	1,265.7	2.6	2.5	2.5	0.8	1.2	0.9	1.6	1.0	1.4
Durable Goods	761.1	2.6	2.2	2.4	0.5	0.8	0.6	1.9	1.1	1.5
Furniture & Fixtures	18.7	2.6	2.6	2.9	0.6	1.7	1.1	1.9	0.8	1.7
Stone, Clay & Glass Products	55.7	2.0	2.4	2.5	0.4	0.7	0.6	1.5	1.6	1.8
Primary Metal Industries	178.6	4.9	2.8	3.7	0.2	0.4	0.3	4.5	2.1	3.0
Fabricated Metal Products	105.5	2.6	2.5	2.3	0.6	1.1	0.8	1.7	1.2	1.3
Machinery, exc. Electrical	133.6	1.1	1.1	1.3	0.7	0.7	0.6	0.3	0.3	0.5
Electric & Electronic Equip.	118.7	1.4	2.2	1.8	0.6	1.0	0.7	0.6	0.9	0.7
Transportation Equipment	67.3	2.3	3.0	2.5	0.3	0.5	0.4	1.2	0.9	1.8
Instruments & Related Products	40.9	0.9	0.9	1.2	0.5	0.6	0.7	0.3	0.2	0.5
Miscellaneous Manufacturing	22.4	2.8	2.0	1.2	0.8	1.2	0.4	1.9	0.8	0.8
Nondurable Goods	504.6	2.6	2.9	2.7	1.3	1.9	1.4	1.2	0.9	1.1
Food & Kindred Products	95.5	2.8	3.1	2.4	1.2	2.0	1.4	1.5	1.0	0.9
Textile Mill Products	43.7	2.5	2.9	2.9	1.5	2.3	2.1	0.8	0.5	0.7
Apparel & Related Products	121.2	3.5	4.6	4.1	1.7	2.7	1.8	1.5	1.6	2.0
Paper & Allied Products	41.4	2.4	1.8	2.0	0.8	1.1	1.1	1.4	0.6	0.8
Printing & Publishing	73.6	3.0	2.7	2.5	1.7	2.0	1.3	1.3	0.6	1.2
Chemicals & Allied Products	60.6	1.3	1.4	1.4	0.7	0.9	0.8	0.5	0.3	0.5
Petroleum & Coal Products	15.7	0.5	0.6	1.0	0.2	0.5	1.0	0.3	N	N
Rubber & Plastics Products	35.0	2.6	2.5	2.4	0.9	1.3	1.1	1.4	0.8	1.1
Leather & Leather Products	14.7	2.2	2.8	3.9	1.6	2.2	3.0	0.4	0.3	0.8

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980
All Manufacturing	1,265.7	4.0	4.5	2.5	0.5	0.8	0.6	2.9	2.9	1.5
Durable Goods	761.1	4.2	4.6	2.2	0.3	0.5	0.3	3.4	3.3	1.4
Furniture & Fixtures	18.7	6.0	4.5	2.7	0.7	1.0	0.7	4.6	2.6	1.4
Stone, Clay & Glass Products	55.7	4.0	3.1	2.9	0.3	0.4	0.3	3.2	2.2	2.2
Primary Metal Industries	178.6	6.9	7.7	2.0	0.1	0.2	0.1	6.3	6.5	1.5
Fabricated Metal Products	105.5	4.2	4.2	3.4	0.3	0.5	0.3	3.3	2.9	0.8
Machinery, exc. Electrical	133.6	2.0	2.3	1.4	0.3	0.7	0.3	1.3	1.1	0.8
Electric & Electronic Equip.	118.7	2.9	2.3	1.6	0.3	0.5	0.5	2.1	0.7	0.6
Transportation Equipment	67.3	3.6	6.3	2.3	0.2	0.3	0.2	2.3	4.2	1.7
Instruments & Related Products	40.9	2.1	1.9	0.9	0.4	0.4	0.4	1.5	1.1	0.2
Miscellaneous Manufacturing	22.4	3.7	4.1	2.1	0.7	0.9	0.4	2.7	2.7	1.4
Nondurable Goods	504.6	3.7	4.2	3.1	0.9	1.3	0.9	2.3	2.2	1.6
Food & Kindred Products	95.5	4.2	4.9	2.9	0.8	1.2	0.9	2.9	2.7	1.4
Textile Mill Products	43.7	3.8	4.4	3.2	1.1	1.4	1.4	2.2	2.3	1.4
Apparel & Related Products	121.2	5.9	5.6	4.8	1.2	1.8	1.2	3.8	2.8	3.1
Paper & Allied Products	41.4	2.1	4.2	2.3	0.4	1.1	0.7	1.3	2.6	1.2
Printing & Publishing	73.6	1.9	2.5	2.6	1.1	1.3	0.8	0.5	0.9	0.8
Chemicals & Allied Products	60.6	1.5	2.0	1.1	0.3	0.5	0.3	0.8	1.0	0.5
Petroleum & Coal Products	15.7	2.7	4.3	1.8	0.3	0.3	0.2	2.0	1.6	1.5
Rubber & Plastics Products	35.0	3.6	3.8	2.6	0.5	0.9	0.8	2.5	2.1	1.3
Leather & Leather Products	14.7	5.0	6.6	3.8	1.9	2.2	2.4	2.6	3.8	0.9

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Detail

(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Dec. 1981	Nov. 1981	Dec. 1980	Nov. 1981	Dec. 1980
	TOTAL MANUFACTURING INDUSTRIES	1,252.4	1,265.7	1,310.4	-13.3	-58.0
	TOTAL DURABLE GOODS	752.4	761.1	800.1	-8.7	-47.7
24	Lumber & wood products	18.8	19.7	20.7	-0.9	-1.9
243	Millwork, plywood & structural	6.8	7.0	7.1	-0.2	-0.3
	Other lumber & wood products	12.0	12.7	13.6	-0.7	-1.6
25	Furniture & fixtures	18.3	18.7	18.7	-0.4	-0.4
251	Household furniture	8.7	8.9	8.7	-0.2	0.0
252	Office furniture	4.4	4.6	4.8	-0.2	-0.4
	Other furniture & fixtures	5.2	5.2	5.2	0.0	0.0
32	Stone, clay & glass products	54.1	55.7	56.9	-1.6	-2.8
322	Glass & glassware, pressed or blown	14.3	14.7	14.4	-0.4	-0.1
3221	Glass containers	6.9	7.0	7.1	-0.1	-0.2
3229	Other pressed or blown glass	7.4	7.7	7.3	-0.3	0.1
324	Hydraulic cement	2.2	2.4	2.5	-0.2	-0.3
325	Structural clay products	5.7	6.0	5.8	-0.3	-0.1
326	Pottery & related products	4.4	4.6	4.7	-0.2	-0.3
327	Concrete, gypsum & plaster products	6.5	7.0	7.8	-0.5	-1.3
	Other stone, clay & glass products	21.0	21.0	21.7	0.0	-0.7
33	Primary metal industries	177.8	178.6	189.6	-0.8	-11.8
331	Blast furnace & basic steel products	132.8	132.6	141.4	0.2	-8.6
3312	Blast furnaces & steel mills	121.0	120.7	129.4	0.3	-8.4
	Other basic steel products	11.8	11.9	12.0	-0.1	-0.2
332	Iron & steel foundries	17.1	17.0	19.7	0.1	-2.6
3321	Gray iron foundries	7.7	7.5	8.2	0.2	-0.5
3325	Steel foundries, n.e.c.	5.7	5.8	7.1	-0.1	-1.4
3322,4	Malleable iron & steel invest.	3.7	3.7	4.4	0.0	-0.7
335	Nonferrous rolling & drawing	13.7	13.8	13.7	-0.1	0.0
336	Nonferrous foundries	7.4	7.4	6.6	0.0	0.8
	Other primary metal products	6.8	7.8	8.2	-1.0	-1.4
34	Fabricated metal products,(incl. ordnance)	103.1	105.5	110.4	-2.4	-8.3
341	Metal cans & shipping containers	4.4	4.4	4.4	0.0	0.0
342	Cutlery, hand tools & hardware	5.8	6.0	6.5	-0.2	-0.7
343	Plumbing & heating exc. electrical	3.9	4.0	3.9	-0.1	0.0
344	Fabricated structural metal products	31.1	31.4	33.4	-0.3	-2.3
3441	Fabricated structural metal	6.3	6.4	7.8	-0.1	-1.5
3443	Fabricated plate work (boiler shops)	9.8	9.7	10.5	0.1	-0.7
	Other fabricated struct. metal products	15.0	15.3	15.1	-0.3	-0.1
345	Screw machine products, bolts, etc.	8.2	8.4	9.3	-0.2	-1.1
346	Metal forgings & stampings	19.3	20.4	21.0	-1.1	-1.7
3462	Iron & steel forgings	5.7	5.8	5.8	-0.1	-0.1
	Other metal forgings & stampings	13.6	14.6	15.2	-1.0	-1.6
347,8	Metal services & ordnance, n.e.c.	8.4	8.5	8.3	-0.1	0.1
349	Misc. fabricated metal products	22.0	22.4	23.6	-0.4	-1.6
3494	Valves & pipe fittings	8.9	9.0	9.7	-0.1	-0.8
	Other misc. fabricated metal products	13.1	13.4	13.9	-0.3	-0.8
35	Machinery, exc. electrical	134.1	133.6	139.0	0.5	-4.9
351	Engines & turbines	7.1	7.1	6.9	0.0	0.2
352	Farm & garden machinery	4.2	4.2	4.5	0.0	-0.3
353	Construction & related machinery	25.5	25.4	25.4	0.1	0.1
3531	Construction machinery	8.7	8.7	8.5	0.0	0.2
3535	Conveyors & conveying equipment	3.5	3.5	3.5	0.0	0.0
	Other construction & related machinery	13.3	13.2	13.4	0.1	-0.1
354	Metal working machinery	19.9	20.0	22.3	-0.1	-2.4
355	Special industry machinery	12.9	12.7	13.7	0.2	-0.8
356	General industrial machinery	26.4	26.1	27.2	0.3	-0.8
3561	Pumps & pumping equipment	4.4	4.3	4.2	0.1	0.2
3562	Ball & roller bearings	4.1	4.0	3.9	0.1	0.2
3563	Air & gas compressors	4.5	4.4	4.6	0.1	-0.1
3567	Industrial furnaces & ovens	3.2	3.3	3.6	-0.1	-0.4
	Other general industrial machinery	10.2	10.1	10.9	0.1	-0.7

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(cent.)

Industry Detail

(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Dec. 1981	Nov. 1981	Dec. 1980	Nov. 1981	Dec. 1980
357	Office and computing machines	13.4	13.4	13.5	0.0	-0.1
358	Refrigeration & service industry machinery	10.4	10.5	11.3	-0.1	-0.9
359	Misc. machinery, exc. electrical	14.3	14.2	14.2	0.1	0.1
36	Electric & electronic equipment	117.6	118.7	122.7	-1.1	-5.1
361	Electric distributing equipment	17.9	17.8	18.9	0.1	-1.0
3612	Transformers	6.1	6.0	6.2	0.1	-0.1
3613	Switchgear & switchboard apparatus	11.8	11.8	12.7	0.0	-0.9
362	Electrical industrial apparatus	23.4	24.0	24.0	-0.6	-0.6
363	Household appliances	3.4	3.7	3.9	-0.3	-0.5
364	Electric lighting & wiring equipment	20.3	20.3	20.4	0.0	-0.1
3643	Current-carrying wiring devices	11.8	11.8	11.2	0.0	0.6
	Other electric light & wiring equipment	8.5	8.5	9.2	0.0	-0.7
366	Communication equipment	8.7	8.6	9.1	0.1	-0.4
367	Electronic components & accessories	33.3	33.6	35.7	-0.3	-2.4
3674	Semiconductors & related devices	11.0	11.1	12.2	-0.1	-1.2
	Other electronic components & accessories	22.3	22.5	23.5	-0.2	-1.2
	Other electrical equipment & supplies	10.6	10.7	10.7	-0.1	-0.1
37	Transportation equipment	65.7	67.3	78.8	-1.6	-13.1
371	Motor vehicles & equipment	24.2	25.7	25.4	-1.5	-1.2
3714	Motor vehicle parts & accessories	8.3	9.5	8.9	-1.2	-1.4
	Other motor vehicles & equipment	15.9	16.2	16.5	-0.3	-0.6
372	Aircraft & parts	10.0	10.1	12.3	-0.1	-2.3
373	Ship & boat building & repairing	5.4	5.4	7.7	0.0	-2.3
374	Railroad equipment	12.3	12.3	19.4	0.0	-7.1
	Other transportation equipment	13.8	13.8	14.0	0.0	-0.2
38	Instruments & related products	40.5	40.9	41.4	-0.4	-0.9
382	Measuring & controlling devices	22.3	22.6	22.7	-0.3	-0.4
384	Medical instruments & supplies	10.8	10.8	11.0	0.0	-0.2
	Other instruments & related products	7.4	7.5	7.7	-0.1	-0.3
39	Miscellaneous manufacturing industries	22.4	22.4	21.9	0.0	0.5
	TOTAL NONDURABLE GOODS	500.0	504.6	510.3	-4.6	-10.3
20	Food & kindred products	94.6	95.5	99.5	-0.9	-4.9
201	Meat products	14.9	15.0	15.6	-0.1	-0.7
2011	Meat packing plants	5.0	5.0	5.1	0.0	-0.1
2013	Sausages & other prepared meats	5.0	5.2	5.6	-0.2	-0.6
2016,7	Poultry dressing & processing	4.9	4.8	4.9	0.1	0.0
202	Dairy products	10.3	10.4	10.7	-0.1	-0.4
2026	Fluid milk	6.0	6.0	6.5	0.0	-0.5
	Other dairy products	4.3	4.4	4.2	-0.1	0.1
203	Preserved fruits & vegetables	12.5	13.3	14.1	-0.8	-1.6
2033	Canned fruits & vegetables	5.2	6.0	6.6	-0.8	-1.4
	Other preserved fruits & vegetables	7.3	7.3	7.5	0.0	-0.2
204	Grain mill products	5.1	5.1	5.1	0.0	0.0
205	Bakery products	18.6	18.7	19.0	-0.1	-0.4
2051	Bread, cake & related products	14.1	14.0	14.1	0.1	0.0
2052	Cookies & crackers	4.5	4.7	4.9	-0.2	-0.4
206	Sugar & confectionery products	15.2	15.3	16.1	-0.1	-0.9
2065	Confectionery products	7.0	7.2	7.2	-0.2	-0.2
2066	Chocolate & cocoa products	6.1	6.0	6.0	0.1	0.1
	Other sugar products	2.1	2.1	2.9	0.0	-0.8
208	Beverages	9.6	9.3	9.9	0.3	-0.3
	Other food & kindred products	8.4	8.4	9.0	0.0	-0.6
21	Tobacco manufacturers	3.2	3.2	3.4	0.0	-0.2
22	Textile mill products	42.6	43.7	44.8	-1.1	-2.2
222	Weaving mills, snythetics	4.7	4.8	4.9	-0.1	-0.2
225	Knitting mills	21.4	22.1	22.2	-0.7	-0.8
2253	Knit outerwear mills	12.3	12.6	11.5	-0.3	0.8
2254	Knit underwear mills	4.0	4.4	4.8	-0.4	-0.8
	Other knitting mills	5.1	5.1	5.9	0.0	-0.8
227	Floor covering mills	3.5	3.5	3.7	0.0	-0.2
228	Yarn & thread mills	3.6	3.8	4.2	-0.2	-0.6
	Other textile mill products	9.4	9.5	9.8	-0.1	-0.4

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(concl.)

Industry Detail

(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Dec. 1981	Nov. 1981	Dec. 1980	Nov. 1981	Dec. 1980
23	Apparel & other textile products	119.3	121.2	120.3	-1.9	-1.0
231	Men's & boys' suits & coats	16.6	16.4	16.4	0.2	0.2
232	Men's & boys' furnishings	21.0	20.5	21.0	0.5	0.0
2321	Men's & boys' shirts & nightwear	7.4	7.7	7.7	-0.3	-0.3
2327	Men's & boys' separate trousers	5.0	5.1	5.2	-0.1	-0.2
	Other furnishings and work clothing	8.6	7.7	8.1	0.9	0.5
233	Women's & misses' outerwear	51.8	53.7	54.0	-1.9	-2.2
234	Women's & children's undergarments	10.5	10.8	9.8	-0.3	0.7
236	Children's outerwear	7.9	7.9	7.5	0.0	0.4
	Other apparel & textile products	11.5	11.9	11.6	-0.4	-0.1
26	Paper & allied products	41.4	41.4	41.7	0.0	-0.3
262	Paper mills exc. building paper	11.2	11.3	11.7	-0.1	-0.5
265	Paper board containers & boxes	13.5	13.5	13.5	0.0	0.0
2653	Corrugated & solid fiber boxes	7.0	7.0	7.0	0.0	0.0
	Other paperboard containers	6.5	6.5	6.5	0.0	0.0
	Other paper & allied products	16.7	16.6	16.5	0.1	0.2
27	Printing & publishing	73.7	73.6	72.5	0.1	1.2
271	Newspapers	24.5	24.4	23.9	0.1	0.6
273	Books	6.2	6.1	6.4	0.1	-0.2
275	Commercial printing	22.1	22.2	21.8	-0.1	0.3
2752	Lithographing	12.4	12.2	12.2	0.2	0.2
	Other commercial printing	9.7	10.0	9.6	-0.3	0.1
276	Manifold business forms	4.4	4.4	4.4	0.0	0.0
	Other printing & publishing	16.5	16.5	16.0	0.0	0.5
28	Chemicals & allied products	60.0	60.6	60.2	-0.6	-0.2
281	Industrial inorganic chemicals	11.0	11.2	11.0	-0.2	0.0
282	Plastic materials & synthetics	7.7	7.9	8.2	-0.2	-0.5
283	Drugs	18.4	18.4	17.2	0.0	1.2
284	Soap, cleaners & toilet goods	3.1	3.1	3.2	0.0	-0.1
285	Paints & allied products	4.2	4.3	4.5	-0.1	-0.3
	Other chemicals & allied products	15.6	15.7	16.1	-0.1	-0.5
29	Petroleum & coal products	15.4	15.7	16.0	-0.3	-0.6
291	Petroleum refining	12.1	12.2	12.4	-0.1	-0.3
	Other petroleum & coal products	3.3	3.5	3.6	-0.2	-0.3
30	Rubber & misc. plastics products	35.2	35.0	36.2	0.2	-1.0
301	Tires & inner tubes	4.5	4.5	4.7	0.0	-0.2
306	Fabricated rubber products, nec	4.2	4.1	4.5	0.1	-0.3
	Other rubber & plastic products, nec	26.5	26.4	27.0	0.1	-0.5
31	Leather & leather products	14.6	14.7	15.7	-0.1	-1.1
314	Footwear, exc. rubber	11.2	11.2	12.3	0.0	-1.1
3143	Men's footwear, exc. athletic	4.6	4.7	4.9	-0.1	-0.3
3144	Women's footwear, exc. athletic	2.5	2.4	3.2	0.1	-0.7
	Other footwear	4.1	4.1	4.2	0.0	-0.1
	Other leather & leather products	3.4	3.5	3.4	-0.1	0.0

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1981	Nov. 1981	Dec. 1980	Dec. 1981	Nov. 1981	Dec. 1980	Dec. 1981	Nov. 1981	Dec. 1980
TOTAL MANUFACTURING INDUSTRIES	$333.06	$333.26	$318.79	39.0	39.3	39.7	$ 8.54	$ 8.48	$ 8.03
TOTAL DURABLE GOODS	380.25	380.84	361.82	39.9	40.3	40.7	9.53	9.45	8.89
Lumber & wood products	249.44	254.59	234.43	36.9	38.4	39.6	6.76	6.63	5.92
Millwork, plywood & structural	270.74	278.24	234.60	38.9	39.3	39.1	6.96	7.08	6.00
Other lumber & wood products	237.71	241.80	234.61	35.8	37.9	39.9	6.64	6.38	5.88
Furniture & fixtures	274.63	268.03	260.69	38.9	38.4	39.8	7.06	6.98	6.55
Household furniture	252.31	246.52	234.43	39.3	38.7	39.4	6.42	6.37	5.95
Office furniture	292.60	288.04	283.50	38.5	38.0	40.5	7.60	7.58	7.00
Other furniture & fixtures	301.09	290.31	286.08	38.7	38.3	39.9	7.78	7.58	7.17
Stone, clay & glass products	357.21	363.21	336.49	40.5	41.7	41.8	8.82	8.71	8.05
Glass & glassware, pressed or blown	347.21	363.96	310.46	39.5	41.5	39.2	8.79	8.77	7.92
Glass containers	358.44	371.60	334.80	38.5	40.0	40.0	9.31	9.29	8.37
Other pressed or blown glass	337.37	356.10	285.34	40.5	42.8	38.3	8.33	8.32	7.45
Hydraulic cement	533.17	520.57	457.10	44.1	42.6	42.8	12.09	12.22	10.68
Structural clay products	299.87	312.12	268.66	38.2	40.8	38.6	7.85	7.65	6.96
Pottery & related products	331.17	316.37	296.54	41.5	40.2	40.4	7.98	7.87	7.34
Concrete, gypsum & plaster prods.	330.07	345.44	293.37	40.4	42.7	38.5	8.17	8.09	7.62
Other stone, clay & glass prods.	382.30	381.55	398.94	41.6	42.3	47.1	9.19	9.02	8.47
Primary metal industries	448.69	453.86	438.08	37.8	38.3	38.7	11.87	11.85	11.32
Blast furnace & basic steel prods.	480.07	487.67	471.96	37.1	37.6	38.0	12.94	12.97	12.42
Blast furnaces & steel mills	486.28	491.95	478.27	36.7	37.1	37.6	13.25	13.26	12.72
Other basic steel products	416.96	443.94	404.88	40.6	42.2	42.0	10.27	10.52	9.64
Iron & steel foundries	350.22	361.60	323.02	39.0	40.0	38.5	8.98	9.04	8.39
Gray iron foundries	346.90	354.97	320.88	39.6	40.2	38.8	8.76	8.83	8.27
Steel foundries, n.e.c.	368.00	374.40	310.42	39.4	40.0	37.4	9.34	9.36	8.30
Malleable iron & steel invest.	332.42	358.60	345.23	37.1	39.8	39.5	8.96	9.01	8.74
Nonferrous rolling & drawing	367.43	361.58	372.86	41.1	40.4	44.6	8.94	8.95	8.36
Nonferrous foundries	338.24	341.52	311.52	41.4	41.7	40.3	8.17	8.19	7.73
Other primary metal products	358.78	347.49	339.52	39.6	40.5	42.6	9.06	8.58	7.97
Fabricated metal prods., incl. ordn.	361.34	354.38	340.31	40.6	40.5	41.4	8.90	8.75	8.22
Metal cans & shipping containers	478.67	455.76	420.84	45.2	43.2	45.3	10.59	10.55	9.29
Cutlery, hand tools & hardware	265.48	276.29	257.63	38.7	40.1	40.7	6.86	6.89	6.33
Plumbing & heating exc. electrical	319.18	334.78	316.73	39.6	41.9	42.4	8.06	7.99	7.47
Fabricated structural metal prods.	345.91	336.53	321.85	40.6	40.4	41.0	8.52	8.33	7.85
Fabricated struct. metal	385.49	355.35	322.03	39.7	36.9	37.1	9.71	9.63	8.68
Fab. plate work (boiler shops)	355.20	352.23	324.48	40.0	41.1	41.6	8.88	8.57	7.80
Other fab. struct. metal prods.	321.73	318.78	319.18	41.3	41.4	42.5	7.79	7.70	7.51
Screw machine products, bolts, etc.	351.10	318.24	307.60	42.2	40.8	41.4	8.32	7.80	7.43
Metal forgings & stampings	446.78	430.92	415.91	41.6	40.5	39.8	10.74	10.64	10.45
Iron & steel forgings	388.33	404.16	334.51	40.2	42.1	36.8	9.66	9.60	9.09
Other metal forgings & stampings	467.73	439.70	444.99	42.1	39.9	40.9	11.11	11.02	10.88
Metal services & ordnance, n.e.c.	306.93	310.44	299.30	39.4	39.8	40.5	7.79	7.80	7.39
Misc. fabricated metal products	334.84	338.40	321.56	39.3	40.0	42.2	8.52	8.46	7.62
Valves & pipe fittings	350.95	364.62	351.00	39.3	41.2	44.6	8.93	8.85	7.87
Other misc. fab. metal products	325.40	323.44	317.26	39.3	39.3	41.8	8.28	8.23	7.59
Machinery, exc. electrical	381.51	384.14	367.22	41.2	41.8	42.8	9.26	9.19	8.58
Engines & turbines	430.19	443.70	430.54	42.3	43.5	45.9	10.17	10.20	9.38
Farm & garden machinery	375.09	378.81	346.42	39.4	39.5	40.9	9.52	9.59	8.47
Construction & related machinery	416.08	413.65	370.53	42.5	42.6	41.4	9.79	9.71	8.95
Construction machinery	433.87	427.46	369.50	41.4	41.3	39.1	10.48	10.35	9.45
Conveyors & conveying equipment	306.23	303.41	274.00	37.3	36.6	36.1	8.21	8.29	7.59
Other constr. & related mach.	420.71	421.42	388.08	44.1	44.5	44.0	9.54	9.47	8.82
Metal working machinery	373.67	372.93	360.00	39.5	40.1	40.0	9.46	9.30	9.00
Special industry machinery	372.74	362.85	356.47	41.6	41.0	43.0	8.96	8.85	8.29
General industrial machinery	382.62	377.52	385.94	42.0	41.9	46.0	9.11	9.01	8.39
Pumps & pumping equipment	374.24	385.14	386.40	40.9	42.0	46.0	9.15	9.17	8.40
Ball & roller bearings	377.88	378.62	343.94	40.2	40.8	39.9	9.40	9.28	8.62
Air & gas compressors	377.20	379.25	429.50	40.0	41.0	50.0	9.43	9.25	8.59
Industrial furnaces & ovens	348.00	347.91	342.79	38.2	38.7	41.3	9.11	8.99	8.30
Other general industrial mach.	400.45	381.06	394.96	45.3	43.5	47.7	8.84	8.76	8.28
Office and computing machines	423.19	453.32	392.51	41.9	44.4	41.1	10.10	10.21	9.55
Refrigeration & serv. ind. mach.	338.70	351.10	313.72	39.8	41.6	42.8	8.51	8.44	7.33
Misc. machinery, exc. electrical	329.64	345.22	350.67	40.2	42.1	43.4	8.20	8.20	8.08

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1981	Nov. 1981	Dec. 1980	Dec. 1981	Nov. 1981	Dec. 1980	Dec. 1981	Nov. 1981	Dec. 1980
Electrical & electronic equipment	$333.72	$335.38	$310.43	40.5	41.0	40.9	$ 8.24	$ 8.18	$ 7.59
Electric distributing equipment	419.68	425.87	412.18	43.9	44.5	44.9	9.56	9.57	9.18
Transformers	431.06	424.12	398.07	46.4	45.9	43.6	9.29	9.24	9.13
Switchgear & switchbrd apparatus	413.53	426.08	419.52	42.5	43.7	45.6	9.73	9.75	9.20
Electrical industrial apparatus	333.17	335.34	292.43	39.9	40.5	39.2	8.35	8.28	7.46
Household appliances	257.95	271.56	281.25	35.0	37.2	38.9	7.37	7.30	7.23
Electric lighting & wiring equip.	313.75	310.18	286.18	40.8	40.6	41.0	7.69	7.64	6.98
Current-carrying wiring devices	296.74	296.74	277.95	40.1	40.1	40.4	7.40	7.40	6.88
Other elect lght & wirng equip.	330.34	323.46	291.87	41.5	41.1	41.4	7.96	7.87	7.05
Communication equipment	332.71	345.84	342.71	42.6	44.0	43.0	7.81	7.86	7.97
Electronic components & access.	332.07	327.24	297.11	40.3	40.3	40.7	8.24	8.12	7.30
Semiconductors & related devices	436.60	428.69	394.40	41.7	41.3	42.5	10.47	10.38	9.28
Other electronic comp.& access.	283.14	280.50	248.75	39.6	39.9	39.8	7.15	7.03	6.25
Other electrical equip. & supplies	274.48	281.01	270.20	37.6	38.6	38.6	7.30	7.28	7.00
Transportation equipment	421.54	424.27	382.18	40.3	40.6	40.4	10.46	10.45	9.46
Motor vehicles & equipment	459.41	460.02	424.32	40.8	41.0	41.6	11.26	11.22	10.20
Motor vehicle parts & access.	499.84	503.98	462.00	44.0	44.6	44.0	11.36	11.30	10.50
Other motor vehicles & equip.	430.43	428.54	397.40	38.5	38.4	39.9	11.18	11.16	9.96
Aircraft & parts	452.35	450.43	383.55	41.5	41.9	41.6	10.90	10.75	9.22
Ship & boat building & repairing	419.22	432.37	384.50	41.1	42.1	41.3	10.20	10.27	9.31
Railroad equipment	381.38	398.27	375.35	38.1	39.2	37.8	10.01	10.16	9.93
Other transportation equipment	335.27	320.66	294.44	40.2	39.2	40.5	8.34	8.18	7.27
Instruments & related products	342.17	334.36	297.82	42.4	41.9	40.3	8.07	7.98	7.39
Measuring & controlling devices	376.37	361.40	304.80	44.7	43.7	40.0	8.42	8.27	7.62
Medical instruments & supplies	310.85	319.93	315.33	39.7	40.6	42.1	7.83	7.88	7.49
Other instruments & related prods.	289.08	279.75	255.42	39.6	38.8	38.7	7.30	7.21	6.60
Misc. manufacturing industries	300.45	300.92	314.70	39.9	40.5	42.7	7.53	7.43	7.37
TOTAL NONDURABLE GOODS	267.25	266.76	252.98	37.8	38.0	38.1	7.07	7.02	6.64
Food & kindred products	313.56	309.14	297.02	40.2	40.2	40.8	7.80	7.69	7.28
Meat products	312.62	312.12	302.66	40.6	40.8	40.9	7.70	7.65	7.40
Meat packing plants	353.93	346.44	357.84	42.9	42.3	42.0	8.25	8.19	8.52
Sausages & other prepared meats	399.42	383.40	338.44	42.0	40.4	40.1	9.51	9.49	8.44
Poultry dressing & processing	202.54	213.44	212.34	37.3	39.6	40.6	5.43	5.39	5.23
Dairy products	318.63	305.14	285.48	43.0	41.8	40.9	7.41	7.30	6.98
Fluid milk	355.01	345.59	317.26	43.4	42.3	41.8	8.18	8.17	7.59
Other dairy products	286.52	270.93	258.89	42.7	41.3	40.2	6.71	6.56	6.44
Preserved fruits & vegetables	298.08	279.49	257.11	40.5	39.7	39.8	7.36	7.04	6.46
Canned fruits & vegetables	217.67	202.88	195.29	36.4	36.1	37.7	5.98	5.62	5.18
Other preserved fruits & vegs.	356.27	347.92	318.44	43.5	42.9	41.9	8.19	8.11	7.60
Grain mill products	325.54	315.06	319.59	41.0	40.6	43.6	7.94	7.76	7.33
Bakery products	299.09	303.42	293.64	38.1	38.9	41.3	7.85	7.80	7.11
Bread, cake & related products	297.94	302.25	279.74	38.1	38.7	39.4	7.82	7.81	7.10
Cookies & crackers	300.58	306.93	324.16	38.0	39.4	45.4	7.91	7.79	7.14
Sugar & confectionery products	334.36	338.65	317.56	39.9	40.9	40.3	8.38	8.28	7.88
Confectionery products	277.15	278.30	246.38	38.6	39.7	37.5	7.18	7.01	6.57
Chocolate & cocoa products	369.98	366.13	354.48	41.2	41.0	42.1	8.98	8.93	8.42
Other sugar products	479.00	528.53	448.00	41.4	45.8	44.8	11.57	11.54	10.00
Beverages	382.23	376.93	365.92	41.1	40.4	40.3	9.30	9.33	9.08
Other food & kindred products	255.76	252.41	253.59	39.9	39.5	41.1	6.41	6.39	6.17
Tobacco manufacturers	202.75	188.05	180.34	39.6	38.3	38.7	5.12	4.91	4.66
Textile mill products	207.76	210.38	200.85	37.1	37.5	39.0	5.60	5.61	5.15
Weaving mills, synthetics	234.62	242.41	226.68	39.3	40.2	41.9	5.97	6.03	5.41
Knitting mills	187.43	191.66	183.54	35.7	36.3	38.0	5.25	5.28	4.83
Knit outerwear mills	189.89	190.62	190.22	36.8	36.8	38.9	5.16	5.18	4.89
Knit underwear mills	171.47	176.40	162.44	34.5	35.0	35.7	4.97	5.04	4.55
Other knitting mills	193.34	207.21	186.96	33.8	36.1	38.0	5.72	5.74	4.92
Floor covering mills	287.56	279.51	272.81	39.5	38.5	42.1	7.28	7.26	6.48
Yarn & thread mills	197.38	195.20	191.01	38.4	38.2	37.6	5.14	5.11	5.08
Other textile mill products	221.72	225.02	209.47	37.9	38.4	39.3	5.85	5.86	5.33

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

(concl.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1981	Nov. 1981	Dec. 1980	Dec. 1981	Nov. 1981	Dec. 1980	Dec. 1981	Nov. 1981	Dec. 1980
Apparel & other textile products	$171.68	$173.64	$160.96	32.7	33.2	32.0	$ 5.25	$ 5.23	$ 5.03
Men's & boys' suits & coats	231.10	232.31	218.82	36.8	36.7	36.9	6.28	6.33	5.93
Men's & boys' furnishings	174.74	171.62	169.75	35.3	34.6	35.0	4.95	4.96	4.85
Men's & boys' shirts & nightwear	180.12	181.42	172.02	38.0	37.1	36.6	4.74	4.89	4.70
Men's & boys' separate trousers	196.38	195.47	186.11	36.1	35.8	33.9	5.44	5.46	5.49
Other furnishings & wrk. clothng	156.49	146.01	156.98	32.4	31.4	34.2	4.83	4.65	4.59
Women's & misses' outerwear	157.72	160.68	144.14	30.1	30.9	28.6	5.24	5.20	5.04
Women's & children's undergarments	148.39	152.64	134.30	32.4	33.4	31.9	4.58	4.57	4.21
Children's outerwear	157.59	161.14	158.28	30.9	32.1	32.5	5.10	5.02	4.87
Other apparel & textile products	176.08	178.49	162.63	35.5	36.5	34.9	4.96	4.89	4.66
Paper & allied products	334.11	324.44	320.95	43.0	42.3	44.7	7.77	7.67	7.18
Paper mills exc. building paper	419.96	416.28	397.90	46.2	46.1	47.2	9.09	9.03	8.43
Paper board containers & boxes	317.38	315.53	323.98	40.9	41.3	43.9	7.76	7.64	7.38
Corrugated & solid fiber boxes	328.36	332.90	342.65	41.2	42.3	44.5	7.97	7.87	7.70
Other paperboard containers	307.29	298.62	304.40	40.7	40.3	43.3	7.55	7.41	7.03
Other paper & allied products	305.58	287.04	276.57	43.1	41.3	43.9	7.09	6.95	6.30
Printing & publishing	335.02	330.33	313.95	39.6	39.0	39.0	8.46	8.47	8.05
Newspapers	325.94	323.00	308.38	35.7	35.3	34.0	9.13	9.15	9.07
Books	304.22	296.25	279.18	41.0	39.5	39.6	7.42	7.50	7.05
Commercial printing	347.45	343.48	322.58	39.8	39.3	39.1	8.73	8.74	8.25
Lithographing	364.32	355.81	316.47	39.6	39.1	38.5	9.20	9.10	8.22
Other commercial printing	327.62	329.87	329.94	40.1	39.6	39.8	8.17	8.33	8.29
Manifold business forms	391.46	376.13	357.88	46.0	45.1	46.0	8.51	8.34	7.78
Other printing & publishing	317.99	315.61	308.51	40.1	39.8	40.7	7.93	7.93	7.58
Chemicals & allied products	371.78	378.56	350.22	40.9	41.6	41.3	9.09	9.10	8.48
Industrial inorganic chemicals	384.61	392.11	345.58	41.4	42.9	40.8	9.29	9.14	8.47
Plastic materials & synthetics	366.11	392.90	337.16	37.9	40.8	39.9	9.66	9.63	8.45
Drugs	398.57	395.34	373.80	40.3	40.3	39.1	9.89	9.81	9.56
Soap, cleaners & toilet goods	355.27	348.42	334.64	45.9	44.9	47.0	7.74	7.76	7.12
Paints & allied products	327.76	334.15	311.22	38.2	38.9	39.0	8.58	8.59	7.98
Other chemicals & allied products	357.83	368.90	353.33	41.9	42.5	43.3	8.54	8.68	8.16
Petroleum & coal products	483.23	484.77	452.30	42.5	42.9	43.2	11.37	11.30	10.47
Petroleum refining	510.00	516.52	474.14	42.5	42.9	43.3	12.00	12.04	10.95
Other petroleum & coal products	381.65	377.50	362.09	42.5	42.8	42.8	8.98	8.82	8.46
Rubber & misc. plastics products	290.16	289.07	264.87	40.3	40.6	40.5	7.20	7.12	6.54
Tires & inner tubes	384.98	394.61	367.65	41.8	43.7	42.9	9.21	9.03	8.57
Fabricated rubber products, nec	352.56	352.56	315.80	43.1	43.1	43.8	8.18	8.18	7.21
Other rubber & plastic prods., nec	269.45	266.93	244.77	39.8	39.9	39.8	6.77	6.69	6.15
Leather & leather products	177.35	181.67	172.96	35.9	36.7	37.6	4.94	4.95	4.60
Footwear, exc. rubber	164.27	167.08	161.04	35.1	35.7	36.6	4.68	4.68	4.40
Men's footwear, exc. athletic	170.15	172.32	178.78	35.3	35.9	38.2	4.82	4.80	4.68
Women's footwear, exc. athletic	164.16	166.34	147.63	34.2	34.8	34.9	4.80	4.78	4.23
Other footwear	157.88	161.28	153.19	35.4	36.0	36.3	4.46	4.48	4.22
Other leather & leather products	223.10	231.38	216.83	38.8	40.1	41.3	5.75	5.77	5.25
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	416.48	440.56	378.21	41.4	44.1	44.6	10.06	9.99	8.48
Bituminous coal & lignite mining	508.82	553.62	356.05	41.3	44.9	30.8	12.32	12.33	11.56
Nonmetallic minerals, exc. fuels	349.46	370.20	358.53	40.4	43.4	44.1	8.65	8.53	8.13
Communication	428.67	436.65	383.27	40.1	41.0	39.8	10.69	10.65	9.63
Electric, gas, & sanitary services	462.09	467.99	429.35	42.2	42.7	43.5	10.95	10.96	9.87
Electric services	437.02	448.15	409.36	41.9	42.6	41.9	10.43	10.52	9.77
Gas production & distribution	407.26	413.84	415.95	41.6	42.1	47.0	9.79	9.83	8.85
General merchandise stores	144.72	143.49	139.52	28.6	27.7	28.3	5.06	5.18	4.93
Banking	201.64	198.33	187.09	INA	INA	INA	INA	INA	INA
Insurance carriers	253.28	251.76	232.18	INA	INA	INA	INA	INA	INA
Life insurance	231.72	231.45	213.12	INA	INA	INA	INA	INA	INA
Fire, marine & casualty insurance	259.68	256.00	229.23	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1974	$180.97	39.6	$4.57	$203.45	41.1	$4.95	$146.59	37.3	$3.93	$239.61	41.1	$5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1980	294.49	38.8	7.59	332.64	39.6	8.40	236.50	37.6	6.29	399.81	37.4	10.69
1980 Dec	318.79	39.7	8.03	361.82	40.7	8.89	252.98	38.1	6.64	438.08	38.7	11.32
1981 Jan	317.13	39.2	8.09	359.79	40.2	8.95	251.92	37.6	6.70	441.54	38.8	11.38
Feb	318.30	39.2	8.12	362.30	40.3	8.99	251.92	37.6	6.70	439.30	38.2	11.50
Mar	320.72	39.4	8.14	366.12	40.5	9.04	254.02	37.8	6.72	447.74	38.9	11.51
Apr	322.22	39.2	8.22	368.04	40.4	9.11	254.32	37.4	6.80	462.11	39.7	11.64
May	324.66	39.4	8.24	367.03	40.2	9.13	260.99	38.1	6.85	444.65	38.2	11.64
Jun	325.84	39.4	8.27	369.55	40.3	9.17	260.99	38.1	6.85	443.12	38.2	11.60
Jul	324.53	39.1	8.30	366.03	39.7	9.22	262.89	38.1	6.90	440.80	38.0	11.60
Aug	330.17	39.4	8.38	376.27	40.2	9.36	263.20	38.2	6.89	464.01	38.7	11.99
Sep	332.42	39.2	8.48	378.80	40.0	9.47	263.41	37.9	6.95	478.76	39.6	12.09
Oct	329.22	39.1	8.42	374.26	39.9	9.38	264.48	38.0	6.96	445.74	38.0	11.73
Nov	333.26	39.3	8.48	380.84	40.3	9.45	266.76	38.0	7.02	453.86	38.3	11.85
Dec	333.06	39.0	8.54	380.25	39.9	9.53	267.25	37.8	7.07	448.69	37.8	11.87

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1974	$196.24	41.4	$4.74	$209.78	42.9	$4.89	$175.96	39.9	$4.41	$215.54	40.9	$5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1980	309.57	40.1	7.72	338.60	41.7	8.12	287.68	39.9	7.21	356.40	39.6	9.00
1980 Dec	340.31	41.4	8.22	367.22	42.8	8.58	310.43	40.9	7.59	382.18	40.4	9.46
1981 Jan	332.48	40.3	8.25	356.49	41.5	8.59	309.42	40.5	7.64	381.20	40.0	9.53
Feb	334.94	40.5	8.27	359.87	41.7	8.63	314.20	40.7	7.72	372.40	39.2	9.50
Mar	338.20	40.6	8.33	359.92	41.9	8.59	321.03	41.0	7.83	381.60	40.0	9.54
Apr	336.47	40.2	8.37	356.29	41.0	8.69	315.50	40.5	7.79	377.06	39.4	9.57
May	343.40	40.4	8.50	364.79	41.5	8.79	317.87	40.7	7.81	384.87	39.8	9.67
Jun	351.29	40.8	8.61	368.26	41.8	8.81	317.12	40.5	7.83	392.98	40.1	9.80
Jul	338.70	39.8	8.51	366.80	41.4	8.86	313.22	39.9	7.85	401.58	39.8	10.09
Aug	346.40	40.0	8.66	373.63	41.7	8.96	321.20	40.2	7.99	401.39	39.9	10.06
Sep	346.10	39.6	8.74	375.58	41.5	9.05	317.59	39.6	8.02	399.29	39.3	10.16
Oct	348.00	40.0	8.70	380.30	41.7	9.12	330.89	40.6	8.15	414.80	40.0	10.37
Nov	354.38	40.5	8.75	384.14	41.8	9.19	335.38	41.0	8.18	424.27	40.6	10.45
Dec	361.34	40.6	8.90	381.51	41.2	9.26	333.72	40.5	8.24	421.54	40.3	10.46

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1974	$171.68	40.3	$4.26	$124.74	37.8	$3.30	$103.02	32.6	$3.16	$189.52	38.0	$4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.28	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1980	274.33	39.7	6.91	192.89	38.5	5.01	153.12	32.1	4.77	284.56	37.1	7.67
1980 Dec	297.02	40.8	7.28	200.85	39.0	5.15	160.96	32.0	5.03	313.95	39.0	8.05
1981 Jan	297.41	40.3	7.38	203.37	38.3	5.31	161.41	31.9	5.06	305.80	37.8	8.09
Feb	300.17	40.4	7.43	205.35	38.6	5.32	161.14	32.1	5.02	304.94	37.6	8.11
Mar	299.09	40.2	7.44	206.12	38.6	5.34	166.62	32.8	5.08	307.31	37.8	8.13
Apr	297.83	39.5	7.54	207.13	38.5	5.38	163.57	31.7	5.16	311.76	38.3	8.14
May	311.60	41.0	7.60	210.92	38.7	5.45	168.35	32.5	5.18	312.19	38.4	8.13
Jun	309.78	40.6	7.63	210.14	38.7	5.43	169.06	32.7	5.17	317.34	38.7	8.20
Jul	310.90	40.8	7.62	203.04	37.6	5.40	170.65	33.2	5.14	316.74	38.3	8.27
Aug	308.30	40.3	7.65	209.59	37.9	5.53	175.62	34.1	5.15	321.54	38.6	8.33
Sep	304.13	39.6	7.68	209.61	37.7	5.56	173.53	33.5	5.18	325.85	38.7	8.42
Oct	302.88	39.8	7.61	209.43	37.6	5.57	177.11	33.8	5.24	329.87	38.9	8.48
Nov	309.14	40.2	7.69	210.38	37.5	5.61	173.64	33.2	5.23	330.33	39.0	8.47
Dec	313.56	40.2	7.80	207.76	37.1	5.60	171.68	32.7	5.25	335.02	39.6	8.46

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1970	$131.71	39.2	$3.36	119.1	116.3	$113.25	$ 18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	247.0	119.23	175.26

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Dec. 1981	Nov. 1981	Dec. 1980	Dec. 1981	Nov. 1981	Dec. 1980	Dec. 1981	Nov. 1981	Dec. 1980
MANUFACTURING	878.6	889.8	933.9	34,279.6	34,983.3	37,032.9	292,890.6	296,644.7	297,190.6
DURABLE GOODS	515.5	521.6	560.6	20,543.3	21,002.8	22,800.0	195,713.4	198,482.0	202,709.0
NONDUR. GOODS	363.1	368.2	373.3	13,736.3	13,980.5	14,232.9	97,177.2	98,162.7	94,481.6

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.9	809.7	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,367.8	827.6	21.9	20.1	63.7	199.2	112.6	137.8
1979	1,386.7	853.8	23.0	20.2	64.7	204.1	118.0	141.2
1980	1,328.0	814.0	21.0	19.1	58.8	190.8	113.7	141.4
1980 Dec.	1,310.4	800.1	20.7	18.7	56.9	189.6	110.4	139.0
1981 Jan.	1,300.2	795.3	19.3	18.7	55.6	190.2	109.5	138.4
Feb.	1,296.7	792.8	19.6	18.6	54.7	190.5	109.5	137.6
Mar.	1,296.3	789.7	20.4	18.4	55.4	189.3	109.3	135.7
Apr.	1,301.3	793.3	21.1	19.0	56.5	191.0	109.3	135.9
May	1,299.3	791.8	21.8	19.0	56.8	190.5	108.9	135.1
Jun.	1,309.0	796.3	21.9	19.0	57.9	191.6	108.6	135.5
Jul.	1,298.9	790.5	22.0	18.5	57.3	191.7	107.1	134.7
Aug.	1,306.4	791.9	22.0	19.2	57.9	189.7	108.6	134.9
Sep.	1,307.0	792.4	21.5	19.5	57.2	188.1	109.0	134.7
Oct.	1,283.6	774.3	20.1	19.1	56.5	181.6	106.5	134.1
Nov.	1,265.7	761.1	19.7	18.7	55.7	178.6	105.5	133.6
Dec.	1,252.4	752.4	18.8	18.3	54.1	177.8	103.1	134.1

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.7	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.3	540.3	99.7	4.0	50.1
1979	127.1	87.3	42.9	25.3	532.9	99.3	3.6	47.1
1980	124.3	80.1	41.6	23.2	514.0	97.2	3.3	44.1
1980 Dec.	122.7	78.8	41.4	21.9	510.3	99.5	3.4	44.8
1981 Jan.	121.2	78.6	41.7	22.1	504.9	96.4	3.3	44.2
Feb.	* 120.2	78.0	41.7	22.4	503.9	95.0	3.3	43.7
Mar.	119.6	77.0	41.8	22.8	506.6	94.6	3.3	43.1
Apr.	119.6	76.0	42.0	22.9	508.0	93.9	3.2	44.2
May	119.2	75.9	41.8	22.8	507.5	93.8	3.2	44.1
Jun.	120.8	75.3	42.0	23.7	512.7	94.1	3.2	44.9
Jul.	119.3	74.8	41.5	23.6	508.4	95.8	3.0	44.7
Aug.	120.4	74.6	41.5	23.1	514.5	96.8	3.2	44.8
Sep.	121.2	76.0	41.5	23.7	514.6	96.6	3.3	45.1
Oct.	120.7	71.8	41.0	22.9	509.3	96.4	3.3	44.0
Nov.	118.7	67.3	40.9	22.4	504.6	95.5	3.2	43.7
Dec.	117.6	65.7	40.5	22.4	500.0	94.6	3.2	42.6

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)
Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	134.6	61.0	44.4	71.3	59.9	17.3	39.9	19.3
1979	128.6	59.9	44.6	72.2	61.0	17.3	41.8	17.3
1980	124.2	56.3	42.4	72.2	60.8	16.4	37.6	15.9
1980 Dec.	120.3	54.0	41.7	72.5	60.2	16.0	36.2	15.7
1981 Jan.	119.4	54.3	41.7	72.2	60.0	15.9	36.2	15.6
Feb.	120.7	54.6	* 40.7	72.3	60.4	15.8	36.4	15.6
Mar.	122.8	55.9	41.7	72.6	60.7	16.1	36.1	15.6
Apr.	123.1	56.0	41.7	73.0	60.6	16.2	36.2	15.9
May	122.1	54.5	42.0	72.8	61.0	16.5	36.0	16.0
Jun.	122.9	54.1	43.0	73.2	61.8	16.8	36.9	15.9
Jul.	119.2	53.0	42.6	72.9	61.4	17.0	36.4	15.4
Aug.	123.6	54.6	43.2	72.8	61.2	16.9	36.5	15.5
Sep.	125.3	55.7	42.9	72.6	60.7	16.5	36.1	15.5
Oct.	123.6	54.9	41.9	73.0	60.7	15.9	35.5	15.0
Nov.	121.2	53.7	41.4	73.6	60.6	15.7	35.0	14.7
Dec.	119.3	51.8	41.4	73.7	60.0	15.4	35.2	14.6

TABLE 12. SELECTED PENNSYLVANIA INDICES
(Not Adjusted)
1977 = 100

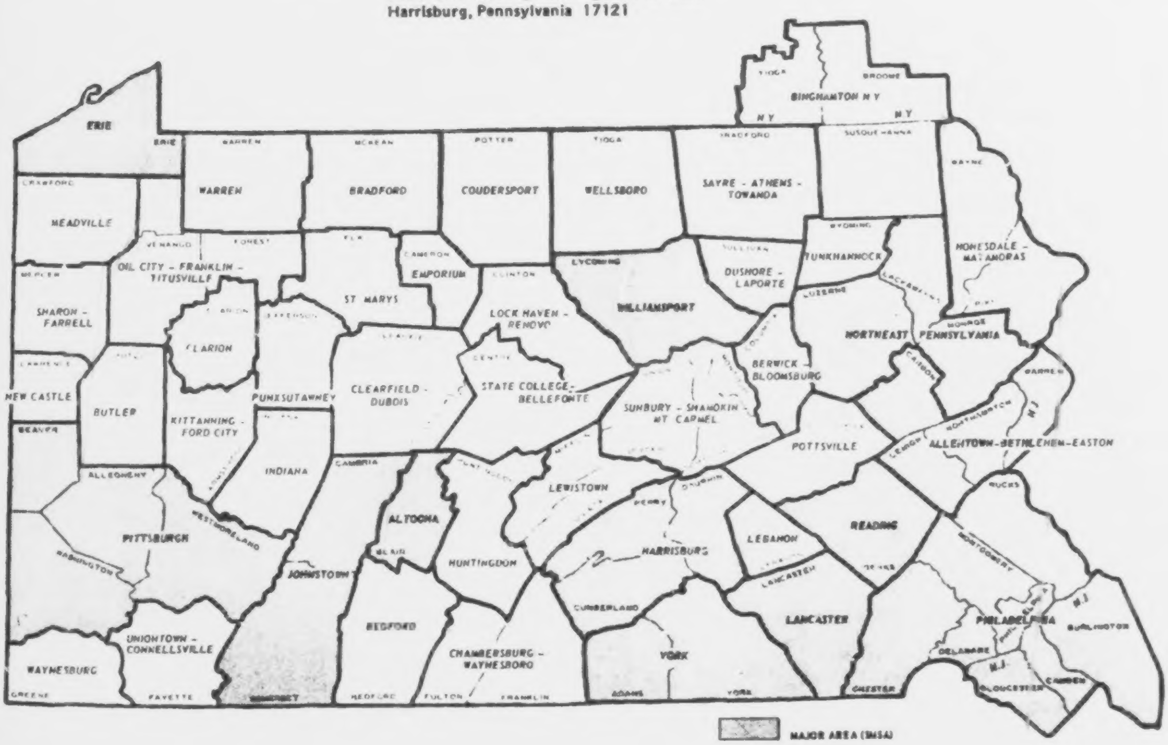
	1981		1980		ANNUAL AVERAGE	
Industry Group	Dec.	Nov.	Dec.		1980	1979
EMPLOYMENT						
All Manufacturing	93.4	94.3	97.6		99.0	103.3
Primary Metals	89.1	89.5	94.9		95.6	102.3
Apparel	89.0	90.4	89.7		92.7	96.0
All Nonmanufacturing	105.4	106.0	107.1		106.2	106.1
Construction	94.0	102.1	98.4		103.5	111.0
Retail Trade	104.3	103.5	106.9		137.9	105.0
Services	115.4	116.2	113.0		112.4	109.6
Government	98.8	99.0	103.6		102.4	101.4

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121


BINGHAMTON N Y
TIOGA
BROOME
N Y
N Y
ERIE
WARREN
BRADFORD
COUDERSPORT
WELLSBORO
SAYRE - ATHENS - TOWANDA
MEADVILLE
OIL CITY - FRANKLIN - TITUSVILLE
EMPORIUM
ST MARYS
LOCK HAVEN - RENOVO
WILLIAMSPORT
DUSHORE - LAPORTE
TUNKHANNOCK
HONESDALE - MATAMORAS
SHARON - FARRELL
CLARION
NORTHEAST PENNSYLVANIA
BERWICK - BLOOMSBURG
NEW CASTLE
BUTLER
PUNXSUTAWNEY
CLEARFIELD - DUBOIS
STATE COLLEGE - BELLEFONTE
SUNBURY - SHAMOKIN - MT CARMEL
KITTANNING - FORD CITY
POTTSVILLE
ALLENTOWN - BETHLEHEM - EASTON
INDIANA
LEWISTOWN
ALTOONA
PITTSBURGH
READING
LEBANON
HARRISBURG
JOHNSTOWN
HUNTINGDON
LANCASTER
PHILADELPHIA
BEDFORD
UNIONTOWN - CONNELLSVILLE
CHAMBERSBURG - WAYNESBORO
YORK
WAYNESBURG
N.J.
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN - BETHLEHEM - EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES
MAJOR LABOR MARKET AREAS
(Per 100 Employees)

NOVEMBER 1981

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980
PENNSYLVANIA	1,265.7	2.6	2.5	2.5	0.8	1.2	0.9	1.6	1.0	1.4
ALLENTOWN-BETHLEHEM-EASTON	103.5	2.2	2.5	2.3	0.7	1.3	0.8	1.1	0.4	1.3
ALTOONA	12.8	1.1	1.0	2.0	0.3	0.6	0.8	0.8	0.3	1.3
ERIE	40.1	2.1	1.9	2.0	1.1	1.0	0.8	0.8	0.5	1.0
HARRISBURG	41.3	1.5	1.6	2.5	0.7	0.9	1.5	0.5	0.6	0.8
JOHNSTOWN	16.3	2.1	3.3	3.8	0.2	0.7	0.5	1.8	2.4	3.2
LANCASTER	59.6	1.5	1.9	1.7	0.8	1.6	1.1	0.3	0.1	0.4
NORTHEAST	69.6	2.4	3.5	3.0	1.0	1.5	1.1	1.2	1.9	1.6
SCRANTON	28.2	2.0	4.1	2.4	1.3	1.8	1.2	0.7	2.3	1.1
WILKES-BARRE-HAZLETON	36.7	2.8	3.2	2.9	0.9	1.3	1.2	1.7	1.8	1.4
PHILADELPHIA	INA	2.4	2.3	2.1	1.1	1.5	1.2	1.1	0.6	0.8
PITTSBURGH	225.0	4.0	2.4	3.0	0.3	0.5	0.5	3.4	1.5	2.1
READING	54.9	2.4	2.7	2.2	1.2	1.4	1.2	1.1	1.2	0.8
WILLIAMSPORT	15.9	2.3	5.3	2.3	1.0	0.7	0.5	1.2	4.5	0.4
YORK	66.8	1.4	2.4	1.9	0.8	1.8	1.4	0.5	0.5	0.4

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980	Nov. 1981	Oct. 1981	Nov. 1980
PENNSYLVANIA	1,265.7	4.0	4.5	2.5	0.5	0.8	0.6	2.9	2.9	1.5
ALLENTOWN-BETHLEHEM-EASTON	103.5	3.9	5.4	2.7	0.6	0.8	0.6	2.4	3.2	1.8
ALTOONA	12.8	2.1	3.4	1.9	0.3	0.4	0.7	1.7	2.9	0.8
ERIE	40.1	4.6	3.2	2.1	0.7	0.6	0.4	3.3	1.7	1.4
HARRISBURG	41.3	2.4	3.1	2.2	0.7	0.7	1.0	1.3	1.5	0.8
JOHNSTOWN	16.3	6.4	5.6	2.4	0.3	1.5	0.4	5.7	2.3	1.4
LANCASTER	59.6	2.7	2.9	1.6	0.6	1.0	0.7	1.8	1.4	0.6
NORTHEAST	69.6	3.6	4.3	2.8	0.7	1.0	0.7	2.4	2.9	1.7
SCRANTON	28.2	3.3	4.4	2.6	1.1	1.2	1.5	1.9	2.8	0.8
WILKES-BARRE-HAZLETON	36.7	4.1	4.8	3.4	0.5	0.8	0.6	3.1	3.4	2.6
PHILADELPHIA	INA	2.8	4.0	2.5	0.6	0.9	0.6	1.7	2.4	1.3
PITTSBURGH	225.0	5.9	5.7	2.4	0.2	0.3	0.3	5.2	4.6	1.6
READING	54.9	4.3	2.5	2.3	0.6	1.0	0.8	3.2	0.9	1.1
WILLIAMSPORT	15.9	2.2	3.7	1.4	0.4	0.6	0.4	1.6	2.8	0.7
YORK	66.8	4.1	3.5	2.3	0.8	1.2	0.9	2.8	1.6	0.9

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1981	Nov. 1981	Dec. 1980	Dec. 1981	Nov. 1981	Dec. 1980	Dec. 1981	Nov. 1981	Dec. 1980
PENNSYLVANIA	$333.06	$333.26	$318.79	39.0	39.3	39.7	$ 8.54	$ 8.48	$ 8.03
ALLENTOWN-BETHLEHEM-EASTON	345.08	341.33	322.22	38.6	38.7	39.2	8.94	8.82	8.22
ALTOONA	279.37	284.36	256.25	37.6	38.9	37.3	7.43	7.31	6.87
ERIE	365.71	365.66	334.93	41.7	41.6	41.4	8.77	8.79	8.09
HARRISBURG	317.46	312.03	306.53	39.0	39.2	40.6	8.14	7.96	7.55
JOHNSTOWN	314.52	321.49	323.38	35.7	36.7	37.0	8.81	8.76	8.74
LANCASTER	286.89	291.69	279.89	38.1	39.1	40.8	7.53	7.46	6.86
NORTHEAST	242.45	237.54	227.54	37.3	37.0	36.7	6.50	6.42	6.20
SCRANTON	255.82	244.44	222.64	39.6	38.8	36.8	6.46	6.30	6.05
WILKES-BARRE-HAZLETON	232.76	233.42	230.68	35.7	35.8	36.5	6.52	6.52	6.32
PHILADELPHIA	INA	INA	INA	INA	INA	INA	INA	INA	INA
PITTSBURGH	415.28	418.00	391.82	39.4	40.0	39.9	10.54	10.45	9.82
READING	317.98	316.81	304.50	39.5	39.8	40.6	8.05	7.96	7.50
WILLIAMSPORT	329.64	326.40	305.11	40.2	40.0	40.9	8.20	8.16	7.46
YORK	314.65	312.53	295.11	40.6	40.8	41.8	7.75	7.66	7.06

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	Dec. 1981		Nov. 1981		Dec. 1980	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	8.3	8.9	7.9	8.4	6.9	7.4
PENNSYLVANIA	9.3	9.8	8.7	9.0	7.5	8.0
ALLENTOWN-BETH-EASTON	9.9	10.4	8.7	9.4	7.2	7.6
ALTOONA	13.4	13.2	11.9	11.9	10.7	10.6
ERIE	9.8	10.3	9.9	10.2	9.3	9.7
HARRISBURG	6.1	6.8	5.8	6.1	5.4	6.0
JOHNSTOWN	14.7	14.8	13.4	14.3	12.4	12.5
LANCASTER	6.5	7.3	6.1	6.4	5.3	5.9
NORTHEAST	11.9	11.6	10.2	10.5	10.6	10.4
SCRANTON	10.2	10.1	9.0	9.2	9.3	9.2
W BARRE-HAZLETON	13.1	13.0	11.2	11.7	11.3	11.2
PHILADELPHIA	8.1	9.0	7.8	8.0	6.3	6.9
PITTSBURGH	8.2	8.8	7.8	8.3	7.0	7.5
POTTSVILLE	13.8	-	10.9	-	10.5	-
READING	8.2	9.9	7.7	8.9	6.7	8.1
UNIONTOWN-CONNELLSVLE	12.4	-	12.1	-	10.5	-
WILLIAMSPORT	11.3	12.0	10.9	11.1	10.6	11.2
YORK	8.0	8.8	7.7	8.6	7.1	7.8

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Dec. 1981	Nov. 1981	Dec. 1980	Dec. 1981	Nov. 1981	Dec. 1980	Dec. 1981	Nov. 1981	Dec. 1980
UNITED STATES	106,250.0	106,864.0	104,778.0	97,442.0	98,393.0	97,545.0	8,807.0	8,470.0	7,233.0
PENNSYLVANIA	5,386.0	5,463.0	5,341.0	4,886.0	4,991.0	4,938.0	500.0	473.0	403.0
ALLENTOWN-BETH-EASTON	308.6	311.7	302.3	278.2	284.7	280.6	30.4	27.0	21.7
ALTOONA	57.2	57.9	59.7	49.5	51.0	53.3	7.6	6.9	6.4
ERIE	122.8	124.8	125.2	110.7	112.5	113.6	12.1	12.3	11.7
HARRISBURG	231.2	234.2	217.9	217.0	220.6	206.1	14.2	13.6	11.8
JOHNSTOWN	104.0	106.5	108.0	88.6	92.2	94.6	15.3	14.3	13.4
LANCASTER	182.5	186.1	176.1	170.6	174.8	166.8	11.9	11.3	9.3
NORTHEAST	286.9	288.6	288.2	252.8	259.1	257.6	34.0	29.4	30.6
SCRANTON	103.9	105.1	104.7	93.3	95.6	95.0	10.6	9.4	9.7
W BARRE-HAZLETON	156.2	156.7	156.0	135.7	139.1	138.3	20.5	17.6	17.7
PHILADELPHIA	2,126.5	2,154.2	2,144.2	1,953.8	1,986.4	2,010.1	172.7	167.8	134.1
PITTSBURGH	1,023.7	1,040.0	1,010.4	940.2	958.9	939.9	83.5	81.1	70.5
POTTSVILLE	63.1	65.0	67.1	54.4	58.0	60.0	8.7	7.0	7.0
READING	162.7	164.6	156.2	149.4	151.9	145.7	13.3	12.7	10.5
UNIONTOWN-CONNELLSVLE	58.3	59.2	58.5	51.1	52.0	52.4	7.2	7.2	6.1
WILLIAMSPORT	52.7	53.3	52.0	46.7	47.5	46.5	6.0	5.8	5.5
YORK	178.3	182.1	174.7	164.0	168.1	162.3	14.3	14.0	12.4

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

1/ STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	1/ Nonagricultural Wage and Salary			Private Sector *		
	Dec. 1981	Nov. 1981	Dec. 1980	Dec. 1981	Nov. 1981	Dec. 1980
UNITED STATES	92,015.0	92,272.0	91,750.0	75,859.0	76,108.0	75,315.0
PENNSYLVANIA	4,657.0	4,689.1	4,769.3	3,946.3	3,978.9	4,028.2
ALLENTOWN-BETHLEHEM-EASTON	259.5	261.8	265.3	230.4	232.8	235.1
ALTOONA	48.5	49.2	49.2	41.1	41.6	41.6
ERIE	109.7	109.7	112.5	98.4	98.5	99.6
HARRISBURG	223.0	223.1	222.7	164.2	165.2	164.8
JOHNSTOWN	79.8	81.6	84.1	65.6	67.4	69.4
LANCASTER	153.8	155.0	155.5	139.3	140.4	139.8
NORTHEAST	235.4	237.9	240.2	197.7	200.1	200.5
SCRANTON	84.2	85.5	88.3	73.3	74.5	76.2
WILKES-BARRE-HAZLETON	121.2	122.7	122.6	102.9	104.4	103.1
PHILADELPHIA	INA	INA	1,932.2	INA	INA	1,630.7
PITTSBURGH	934.9	939.7	957.7	810.9	815.3	831.2
POTTSVILLE	44.0	45.3	48.0	37.2	38.6	40.5
READING	144.2	144.5	143.4	126.9	127.1	125.7
UNIONTOWN-CONNELLSVILLE	33.8	33.9	35.6	29.1	29.2	29.1
WILLIAMSPORT	46.5	46.5	47.4	40.3	40.3	40.7
YORK	156.6	158.1	158.6	138.7	140.0	140.3

Area	Manufacturing			Nonmanufacturing		
	Dec. 1981	Nov. 1981	Dec. 1980	Dec. 1981	Nov. 1981	Dec. 1980
UNITED STATES	19,854.0	20,115.0	20,238.0	72,161.0	72,157.0	71,512.0
PENNSYLVANIA	1,252.4	1,265.7	1,310.4	3,397.5	3,416.7	3,454.6
ALLENTOWN-BETHLEHEM-EASTON	102.0	103.5	106.9	157.1	158.0	158.1
ALTOONA	12.5	12.8	11.9	36.0	36.4	37.3
ERIE	40.4	40.1	40.8	68.4	68.7	71.7
HARRISBURG	41.2	41.3	42.8	181.8	181.8	179.9
JOHNSTOWN	15.2	16.3	17.6	64.6	65.2	66.5
LANCASTER	59.0	59.6	58.9	94.8	95.4	96.4
NORTHEAST	69.1	69.6	69.8	166.3	168.3	170.3
SCRANTON	27.6	28.2	28.3	56.6	57.3	60.0
WILKES-BARRE-HAZLETON	36.5	36.7	36.8	84.7	86.0	85.7
PHILADELPHIA	INA	INA	436.2	INA	INA	1,493.1
PITTSBURGH	225.7	225.0	239.5	705.1	710.4	716.9
POTTSVILLE	18.2	19.3	19.9	25.8	26.0	28.1
READING	54.9	54.9	54.7	89.3	89.5	88.7
UNIONTOWN-CONNELLSVILLE	7.0	7.1	7.0	26.8	26.8	28.5
WILLIAMSPORT	16.1	15.9	16.2	30.4	30.6	31.1
YORK	65.6	66.8	66.9	91.0	91.3	91.6

* Excludes Government employment

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

FEBRUARY 1982

Vol. XXVII No. 2

JOB
SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY

BUR 652 REV 6-81

In cooperation with the United States Bureau of Labor Statistics

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing, to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING - ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 — 787-3129

Issued: February 1982 Reference: Mid-January

PENNSYLVANIA EMPLOYMENT AND EARNINGS FOR JANUARY 1982

NATIONAL INDUSTRIES' SLOWDOWN AFFECTS STATE EMPLOYMENT

National and international economic conditions continued to directly influence the Commonwealth's economy and employment in particular in January 1982.

January estimates show 4,781,000 Pennsylvanians employed during the period--149,000 less than last month and 144,000 less than a year ago.

The decrease was due, principally, to continuing layoffs in nationwide industries related to the automobile and housing industries. Employment in steel, electric equipment, transportation equipment and construction continued to show weakness. Normal seasonal layoffs compounded this problem. These layoffs were particularly apparent in retail trade at the conclusion of the holiday shopping season, and in construction where the number of layoffs which traditionally occur was aggravated by extreme weather conditions.

The unemployed ranks, those laid off and those entering the labor force and unable to find a job, continued to grow. Pennsylvania had 642,000 residents, 11.8 percent of the labor force, seeking work in January. This figure was 135,000 higher than last month and 145,000 higher than January 1981. Seasonally adjusted, the rate was 11.2 percent, up from December's 9.6 percent and the 8.5 percent mark of one year ago.

MANUFACTURING EMPLOYMENT REFLECTS WEAKNESS IN AUTOMOBILE AND CONSTRUCTION DEPENDENT INDUSTRIES

Factory employment declined in January. Estimated at 1,244,300, manufacturing jobs dropped 19,300 from December to January and 50,200 over the 12-month period.

Durable goods manufacturing jobs declined 14,300 between December and January. The most significantly affected were stone, clay and glass products, primary metals, nonelectrical machinery, electrical machinery, and transportation equipment. Combined, these five industries accounted for a job loss of 13,100 over the month. The only gainer in durable goods was fabricated metal products.

The nondurable goods line was less affected. A loss of 5,000 jobs occurred, primarily in food, textiles and rubber and miscellaneous plastics. The tobacco, apparel, and printing and publishing industries showed no change.

HOURS AND EARNINGS MIXED

Manufacturing earnings averaged $8.56 for a 38.1-hour workweek. This represented an over-the-month increase of three cents in the rate and a drop of 54 minutes in factory working time.

SEASONAL LAYOFFS PROMINENT IN NONMANUFACTURING EMPLOYMENT DOWNTURN

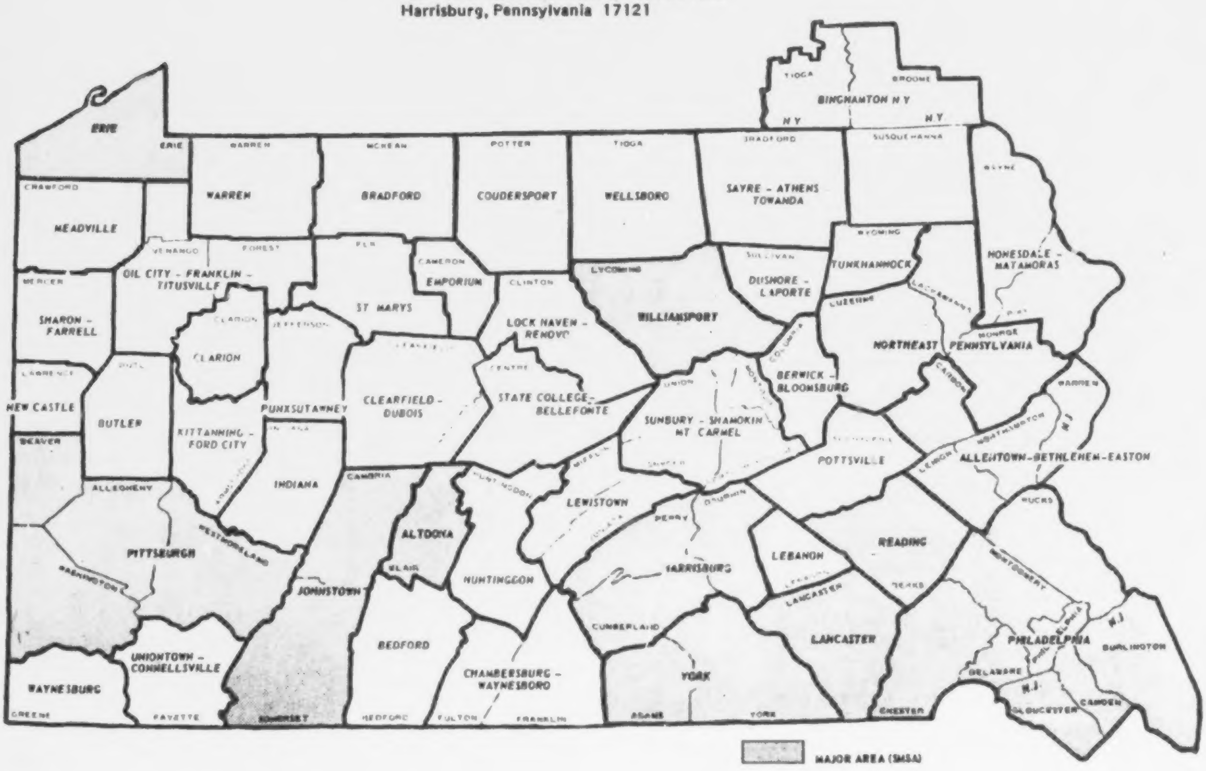
Nonmanufacturing jobs were down in January, dropping 114,700 jobs in the 30-day period. Retail trade was the biggest loser, off 46,900, following the holiday shopping season. Services and miscellaneous declined by 23,500, with the biggest reductions in business services, educational services and other services. Construction declined by 22,600 because of the season and the extremely bad weather. Government lost 10,700 jobs, with a drop off in state and local government.

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121



ERIE
WARREN
BRADFORD
COUDERSPORT
WELLSBORO
SAYRE - ATHENS TOWANDA
BINGHAMTON N Y
TIOGA
BROOME
N Y
SUSQUEHANNA
WAYNE
MEADVILLE
CRAWFORD
OIL CITY - FRANKLIN - TITUSVILLE
VENANGO
FOREST
ELK
CAMERON
EMPORIUM
CLINTON
LYCOMING
SULLIVAN
WYOMING
TUNKHANNOCK
HONESDALE - MATAMORAS
MERCER
SHARON - FARRELL
CLARION
JEFFERSON
ST MARYS
LOCK HAVEN - RENOVO
WILLIAMSPORT
DUSHORE - LAPORTE
LUZERNE
LACKAWANNA
NORTHEAST PENNSYLVANIA
MONROE
PIKE
LAWRENCE
NEW CASTLE
BUTLER
PUNXSUTAWNEY
CLEARFIELD - DUBOIS
CENTRE
STATE COLLEGE - BELLEFONTE
UNION
COLUMBIA
BERWICK - BLOOMSBURG
CARBON
WARREN
N J
BEAVER
KITTANNING - FORD CITY
ARMSTRONG
INDIANA
SUNBURY - SHAMOKIN - MT CARMEL
SNYDER
POTTSVILLE
NORTHAMPTON
LEHIGH
ALLENTOWN - BETHLEHEM - EASTON
ALLEGHENY
CAMBRIA
HUNTINGDON
MIFFLIN
LEWISTOWN
JUNIATA
PERRY
DAUPHIN
BUCKS
PITTSBURGH
WESTMORELAND
ALTOONA
BLAIR
LEBANON
READING
BERKS
MONTGOMERY
WASHINGTON
JOHNSTOWN
HARRISBURG
LANCASTER
CUMBERLAND
BEDFORD
CHAMBERSBURG - WAYNESBORO
YORK
PHILADELPHIA
PHILA
N J
BURLINGTON
DELAWARE
CAMDEN
GLOUCESTER
UNIONTOWN - CONNELLSVILLE
WAYNESBURG
GREENE
FAYETTE
SOMERSET
FULTON
FRANKLIN
ADAMS
CHESTER
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN - BETHLEHEM - EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding, Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

PUBLICATION ANNOUNCEMENT

The Pennsylvania Office of Employment Security, Occupational Employment Statistics Section in cooperation with the U. S. Department of Labor, Bureau of Labor Statistics and Employment Training Administration is releasing the report "PITTSBURGH LABOR MARKET AREA OCCUPATIONAL EMPLOYMENT (STAFFING PATTERNS) IN MANUFACTURING INDUSTRIES", for the survey period second quarter 1980. The report contains employment estimates for selected manufacturing industries and occupations within these industries; and provides data on hours and earnings. If you wish to obtain a copy of this publication, complete the address form provided.

NAME ______________________________

ORGANIZATION
(IF APPLICABLE) ______________________________

ADDRESS ______________________________

CITY ______________ STATE __________ ZIP CODE ________

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Room 1225, Labor and Industry Building
Harrisburg, PA 17121

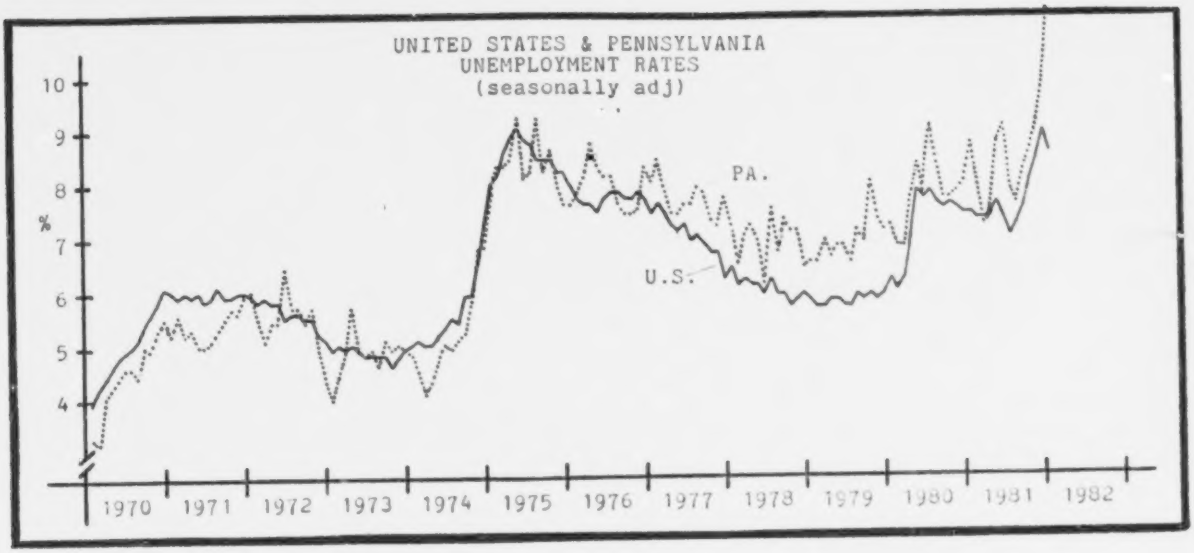

Table 1. **Resident Employment, Unemployment and Unemployed Rate (Thousands)**

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,830	4,612	218	4.5		82,771	78,678	4,093	4.9	
1971	4,813	4,553	261	5.4		84,382	79,367	5,016	5.9	
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,434	5,009	425	7.8		106,940	99,303	7,637	7.1	
1981	5,476	5,018	458	8.4		108,670	100,397	8,273	7.6	
1981 Jan	5,422	4,925	497	9.2	8.5	106,885	98,139	8,746	8.2	7.4
Feb	5,380	4,918	462	8.6	7.9	107,015	98,401	8,614	8.0	7.4
Mar	5,474	5,042	432	7.9	7.4	107,634	99,364	8,271	7.7	7.3
Apr	5,400	5,025	374	6.9	7.4	107,906	100,345	7,561	7.0	7.3
May	5,443	5,019	424	7.8	8.5	108,586	100,855	7,731	7.1	7.5
Jun	5,497	4,985	511	9.3	8.7	109,904	101,419	8,485	7.7	7.4
Jul	5,597	5,142	455	8.1	8.2	110,742	102,612	8,130	7.3	7.2
Aug	5,583	5,150	432	7.7	7.9	110,099	102,152	7,947	7.2	7.3
Sep	5,445	4,997	448	8.2	8.5	108,273	100,389	7,884	7.3	7.6
Oct	5,525	5,051	475	8.6	8.7	109,244	101,028	8,216	7.5	8.0
Nov	5,514	5,034	479	8.7	9.0	109,179	100,502	8,676	7.9	8.3
Dec	5,437	4,930	507	9.3	9.6	108,574	99,562	9,013	8.3	8.8
1982 Jan	5,423	4,781	642	11.8	11.2	108,014	97,831	10,183	9.4	8.5

DATA IN THIS PUBLICATION ARE ARRANGED ACCORDING TO THE 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL. EMPLOYMENT DATA, BEGINNING WITH 1980, ARE BENCHMARKED TO FIRST QUARTER 1981. PRIOR YEARS ARE NOT, THEREFORE, STRICTLY COMPARABLE.

On all tables the most recent month's data are preliminary. They are subject to revision.

TABLE 2. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manu- facturing	Total Non- Manu- facturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.2	3,854.3	1,314.9	3,223.3	48.0	183.9	938.9	221.7	717.2
1978	4,719.6	3,995.6	1,367.8	3,351.7	46.8	200.1	983.7	230.8	752.9
1979	4,806.1	4,085.4	1,386.8	3,419.3	51.7	204.2	992.5	239.4	753.1
1980	4,753.1	4,029.8	1,328.2	3,424.9	49.0	190.1	988.3	244.3	744.0
1981	4,724.2	4,018.8	1,299.8	3,424.4	45.2	182.5	986.1	244.6	741.5
1981 Jan.	4,653.7	3,937.1	1,294.5	3,359.2	47.0	156.9	972.3	243.1	729.2
Feb.	4,662.2	3,931.8	1,292.2	3,370.0	46.6	154.7	963.0	242.4	720.6
Mar.	4,693.4	3,960.5	1,294.4	3,399.0	46.9	162.9	969.0	243.0	726.0
Apr.	4,731.5	4,002.9	1,304.8	3,426.7	* 28.2	178.2	983.7	245.1	738.6
May	4,754.5	4,023.9	1,307.7	3,446.8	* 26.9	186.8	991.3	245.3	746.0
Jun.	4,802.3	4,075.7	1,320.7	3,481.6	48.5	194.6	994.3	247.6	746.7
Jul.	4,749.7	4,055.3	1,310.6	3,439.1	49.5	198.2	985.7	245.9	739.8
Aug.	4,749.1	4,061.7	1,317.7	3,431.4	49.7	198.6	983.2	246.1	737.1
Sep.	4,720.4	4,071.9	1,318.6	3,401.8	50.4	198.2	984.8	244.8	740.0
Oct.	4,733.8	4,065.7	1,295.6	3,438.2	50.0	195.6	997.2	245.4	751.8
Nov.	4,735.5	4,035.2	1,276.6	3,458.9	50.2	189.1	1,001.6	243.6	758.0
Dec.	4,703.8	4,003.6	1,263.6	3,440.2	48.4	176.7	1,007.3	243.4	763.9
1982 Jan.	4,569.8	3,880.3	1,244.3	3,325.5	47.3	154.1	957.9	240.9	717.0

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1969	INA	INA	133.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.9	137.6	514.4
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.7	136.4	522.4
1974	161.1	104.4	207.3	773.6	154.9	618.7	682.0	136.6	545.4
1975	154.0	102.5	207.3	798.5	159.8	638.7	721.4	134.4	587.0
1976	155.4	101.1	211.4	839.7	165.5	674.2	722.1	131.7	590.4
1977	160.9	100.7	217.5	862.5	171.1	691.4	710.9	128.1	582.8
1978	165.7	100.9	226.6	903.9	177.9	726.0	724.1	129.5	594.5
1979	170.7	101.7	233.7	944.1	185.3	758.8	720.7	130.8	589.9
1980	161.9	101.4	236.8	974.1	194.4	779.7	723.3	134.9	588.4
1981	154.4	103.9	240.6	1,006.2	204.7	801.5	705.4	133.9	571.5
1981 Jan.	155.1	102.7	238.0	970.6	199.8	770.8	716.6	132.7	583.9
Feb.	155.7	102.4	237.6	979.6	200.0	779.6	730.4	132.0	598.4
Mar.	156.5	103.0	238.4	989.4	201.1	788.3	732.9	132.4	600.5
Apr.	158.0	103.1	239.8	1,007.1	201.4	805.7	728.6	132.7	595.9
May	157.9	103.4	241.1	1,008.8	202.4	806.4	730.6	133.1	597.5
Jun.	157.0	104.7	243.6	1,012.3	205.7	806.6	726.6	135.0	591.6
Jul.	148.4	105.3	244.3	1,013.3	206.2	807.1	694.4	136.4	558.0
Aug.	148.6	105.5	243.4	1,015.0	206.8	808.2	687.4	135.5	551.9
Sep.	156.4	104.2	241.4	1,017.9	206.9	811.0	648.5	132.8	515.7
Oct.	156.3	104.2	240.0	1,026.8	208.5	818.3	668.1	134.4	533.7
Nov.	152.9	104.3	240.2	1,020.3	208.8	811.5	700.3	135.1	565.2
Dec.	150.4	104.0	239.6	1,013.6	209.3	804.3	700.2	134.9	565.3
1982 Jan.	144.6	103.0	239.0	990.1	209.5	780.6	689.5	134.3	555.2

TABLE 3. TOTAL CIVILIAN LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA

Current Month is JANUARY 1982

RESIDENT DATA	Total - All Persons (In Thousands)			Net Change Over — —	
	Current Month	One Month Ago	One Year Ago	One Month	One Year
TOTAL CIVILIAN LABOR FORCE	5,423.0	5,437.0	5,422.0	-14.0	1.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	642.0	507.0	497.0	135.0	145.0
% CIVILIAN LABOR FORCE	11.8	9.3	9.2	2.5	2.6
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	610.0	525.0	466.0	85.0	144.0
% CIVILIAN LABOR FORCE	11.2	9.6	8.5	1.6	2.7
TOTAL EMPLOYMENT	4,781.0	4,930.0	4,925.0	-149.0	-144.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATE	Total - All Jobs (Thousands)			Net Change Over — —	
	Current Month	One Month Ago	One Year Ago	One Month	One Year
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,575.6	4,710.9	4,656.8	-135.3	-81.2
LABOR-MANAGEMENT DISPUTES	5.8	7.1	3.1	-1.3	2.7
ALL MANUFACTURING INDUSTRIES	1,244.3	1,263.6	1,294.5	-19.3	-50.2
TOTAL NONMANUFACTURING INDUSTRIES	3,325.5	3,440.2	3,359.2	-114.7	-33.7
Mining	47.3	48.4	47.0	-1.1	0.3
Anthracite	3.6	3.6	3.5	0.0	0.1
Bituminous	35.2	35.5	35.0	-0.3	0.2
Nonmetallic minerals	2.9	3.7	3.7	-0.8	-0.8
Contract Construction	154.1	176.7	156.9	-22.6	-2.8
General building	42.6	47.2	42.7	-4.6	-0.1
Heavy construction	27.2	36.0	30.3	-8.8	-3.1
Special trades	84.3	93.5	83.9	-9.2	0.4
Transportation	144.6	150.4	155.1	-5.8	-10.5
Railroads	34.8	34.8	38.3	0.0	-3.5
Public Utilities	103.0	104.0	102.7	-1.0	0.3
Communications	54.8	55.1	55.0	-0.3	-0.2
Electric, gas & sanitary service	48.2	48.9	47.7	-0.7	0.5
Electric systems	24.2	24.7	24.0	-0.5	0.2
Gas production	8.9	9.1	8.9	-0.2	0.0
Wholesale trade	240.9	243.4	243.1	-2.5	-2.2
Retail trade	717.0	763.9	729.2	-46.9	-12.2
General merchandise stores	118.6	129.1	120.7	-10.5	-2.1
Department stores	105.4	114.7	107.1	-9.3	-1.7
Finance, insurance & real estate	239.0	239.6	238.0	-0.6	1.0
Banking	80.7	80.7	79.8	0.0	0.9
Commercial & stock savings	74.3	74.0	73.4	0.3	0.9
Credit agencies & securities	31.1	31.1	31.5	0.0	-0.4
Insurance	70.4	70.2	69.8	0.2	0.6
Life insurance	27.1	27.0	26.6	0.1	0.5
Fire, marine & casualty	29.1	29.0	29.0	0.1	0.1
Services	990.1	1,013.6	970.6	-23.5	19.5
Business services	129.9	135.5	131.0	-5.6	-1.1
Health services	340.9	341.3	327.5	-0.4	13.4
Nursing & personal care	53.9	53.7	52.0	0.2	1.9
Hospitals	209.5	209.3	199.8	0.2	9.7
Educational service	125.9	132.6	125.4	-6.7	0.5
Miscellaneous services	47.9	47.8	46.9	0.1	1.0
Engineering & architectural	30.1	30.3	29.4	-0.2	0.7
Government	689.5	700.2	716.6	-10.7	-27.1
Federal	134.3	134.9	132.7	-0.6	1.6
State & local	555.2	565.3	583.9	-10.1	-28.7

TABLE 4. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.9	809.7	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,367.8	827.6	21.9	20.1	63.7	199.2	112.6	137.8
1979	1,386.8	853.9	23.0	20.2	64.7	204.1	118.0	142.0
1980	1,328.2	814.7	20.6	18.8	59.0	190.2	112.8	144.2
1981	1,299.8	790.6	19.7	18.7	56.8	184.0	109.0	142.9
1981 Jan.	1,294.5	794.9	19.1	18.3	56.0	187.9	108.9	142.8
Feb.	1,292.2	791.9	18.8	18.1	54.6	187.3	108.7	143.0
Mar.	1,294.4	790.4	19.5	18.0	55.3	186.2	108.6	142.6
Apr.	1,304.8	795.9	20.0	18.8	56.9	186.7	109.5	142.9
May	1,307.7	798.5	20.4	18.9	57.6	186.4	109.9	143.2
Jun.	1,320.7	805.0	20.7	18.9	58.5	187.7	110.7	144.3
Jul.	1,310.6	798.6	20.8	18.4	58.0	187.8	109.5	143.1
Aug.	1,317.7	799.8	20.8	19.2	58.6	185.9	110.6	143.2
Sep.	1,318.6	800.8	20.3	19.5	57.8	184.4	111.1	143.2
Oct.	1,295.6	782.7	19.1	19.1	57.1	178.0	108.4	142.5
Nov.	1,276.6	768.6	18.6	18.7	56.2	175.0	107.2	142.0
Dec.	1,263.6	760.0	17.7	18.3	54.8	174.2	104.9	142.3
1982 Jan.	1,244.3	745.7	17.9	17.7	53.2	170.6	105.0	140.8

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.7	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.3	540.3	99.7	4.0	50.1
1979	126.4	87.3	42.9	25.3	532.9	99.3	3.6	47.1
1980	122.5	81.5	41.8	23.4	513.5	96.6	3.3	43.9
1981	117.9	77.9	41.1	22.8	509.2	95.2	3.1	43.2
1981 Jan.	117.9	81.0	40.9	22.1	499.6	94.1	3.1	42.9
Feb.	* 117.4	80.6	41.0	22.4	500.3	94.0	3.2	42.4
Mar.	116.9	80.0	40.7	22.6	504.0	93.8	3.1	42.2
Apr.	117.7	79.4	40.9	23.1	508.9	94.1	3.1	43.6
May	118.0	79.8	41.5	22.8	509.2	93.4	3.1	43.2
Jun.	119.2	79.7	41.8	23.5	515.7	94.7	3.1	44.1
Jul.	117.5	78.8	41.3	23.4	512.0	96.2	2.9	43.9
Aug.	118.6	78.7	41.3	22.9	517.9	97.4	3.1	43.9
Sep.	119.6	80.1	41.4	23.4	517.8	96.9	3.2	44.3
Oct.	119.0	75.9	40.9	22.7	512.9	97.0	3.1	43.2
Nov.	116.7	71.2	40.8	22.2	508.0	96.1	3.1	42.8
Dec.	115.9	69.3	40.4	22.2	503.6	95.2	3.0	42.2
1982 Jan.	113.0	65.8	40.3	21.4	498.6	93.1	3.0	41.1

TABLE 4. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(concl.)

Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	134.6	61.0	44.4	71.3	59.9	17.3	39.9	19.3
1979	128.6	59.9	44.6	72.2	61.0	17.3	41.8	17.3
1980	124.1	56.6	42.4	72.6	60.8	16.7	37.1	16.0
1981	123.7	57.0	41.8	73.5	60.0	16.8	35.7	16.1
1981 Jan.	118.3	54.3	41.6	72.3	59.7	16.3	35.7	15.6
Feb.	120.3	55.0	* 40.7	72.6	59.7	16.2	35.5	15.7
Mar.	122.3	56.6	41.5	73.0	60.2	16.5	35.6	15.8
Apr.	124.5	57.8	41.5	73.4	60.1	16.8	35.8	16.0
May	124.6	57.6	41.6	73.4	60.1	17.1	36.0	16.7
Jun.	125.5	57.7	42.6	73.8	60.7	17.6	36.6	17.0
Jul.	122.0	56.5	42.4	73.7	60.6	17.7	36.1	16.5
Aug.	126.5	58.2	42.9	73.5	60.4	17.6	36.1	16.5
Sep.	128.1	59.4	42.6	73.5	59.9	17.1	35.8	16.4
Oct.	126.7	58.6	41.7	73.8	59.8	16.5	35.2	15.9
Nov.	124.0	57.2	41.2	74.6	59.8	16.3	34.6	15.5
Dec.	122.0	55.2	41.1	74.5	59.2	16.1	34.8	15.5
1982 Jan.	122.0	56.1	40.8	74.5	59.1	15.8	34.2	15.0

TABLE 5. SELECTED PENNSYLVANIA INDICES
(Not Adjusted)

1977 = 100

Industry Group	1982 Jan.	1981 Dec.	1981 Jan.		ANNUAL AVERAGE 1981	ANNUAL AVERAGE 1980
EMPLOYMENT						
All Manufacturing	92.7	94.2	96.5		96.9	99.0
Primary Metals	85.5	87.3	94.1		92.2	95.3
Apparel	91.0	91.0	88.3		92.3	92.6
All Nonmanufacturing	103.2	106.7	104.2		106.2	106.2
Construction	83.8	96.1	85.3		99.2	103.4
Retail Trade	100.0	106.5	101.7		103.4	103.7
Services	114.8	117.5	112.5		116.7	112.9
Government	97.0	98.5	100.8		99.2	101.7

TABLE 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

Current Month is JANUARY 1982

SIC	INDUSTRY TITLE	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
					NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
		CURRENT MONTH	MONTH AGO	YEAR AGO	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO
	TOTAL MANUFACTURING INDUSTRIES	1244.3	1263.6	1294.5	-19.3	-50.2	$326.14	$332.67	$317.52	38.1	39.0	39.2	$ 8.56	$ 8.53	$ 8.10
	TOTAL DURABLE GOODS	745.7	760.0	794.9	-14.3	-49.2	372.62	379.85	360.69	39.1	39.9	40.3	9.53	9.52	8.95
24	Lumber & wood products	17.9	17.7	19.1	0.2	-1.2	243.00	249.44	245.01	36.0	36.9	40.7	6.75	6.76	6.02
243	Millwork, plywood & structural	6.2	6.1	6.4	0.1	-0.2	267.14	270.74	264.12	38.0	38.9	42.6	7.03	6.96	6.20
	Other lumber & wood prod.	11.7	11.6	12.7	0.1	-1.0	231.00	237.71	235.42	35.0	35.8	39.7	6.60	6.64	5.93
25	Furniture & fixtures	17.7	18.3	18.3	-0.6	-0.6	257.52	274.95	249.56	37.0	39.0	38.1	6.96	7.05	6.55
251	Household furniture	8.5	8.8	8.5	-0.3	0.0	230.95	252.31	219.91	36.6	39.3	37.4	6.31	6.42	5.88
252	Office furniture	4.2	4.3	4.7	-0.1	-0.5	287.28	292.60	268.16	37.8	38.5	38.2	7.60	7.60	7.02
	Other furniture & fixtures	5.0	5.2	5.1	-0.2	-0.1	280.07	301.09	286.04	36.9	38.7	39.4	7.59	7.78	7.26
32	Stone, clay & glass products	53.2	54.8	56.0	-1.6	-2.8	348.33	356.81	340.55	39.9	40.5	42.2	8.73	8.81	8.07
322	Glass & glassware, pressed or blown	14.3	14.6	15.4	-0.3	-1.1	348.17	347.60	324.31	39.7	39.5	41.0	8.77	8.80	7.91
3221	Glass containers	7.2	7.2	7.9	0.0	-0.7	355.42	358.44	359.53	38.3	38.5	42.7	9.28	9.31	8.42
3229	Other pressed or blown glass	7.1	7.4	7.5	-0.3	-0.4	341.55	337.37	286.94	41.2	40.5	39.2	8.29	8.33	7.32
324	Hydraulic cement	1.8	1.9	2.2	-0.1	-0.4	487.89	533.17	461.07	41.7	44.1	42.3	11.70	12.09	10.90
325	Structural clay products	5.2	5.2	5.3	0.0	-0.1	286.46	299.87	277.46	37.3	38.2	39.3	7.68	7.85	7.06
326	Pottery & related products	4.3	4.5	4.9	-0.2	-0.6	331.52	331.17	308.42	41.7	41.5	42.6	7.95	7.98	7.24
327	Concrete, gypsum & plaster prod.	6.6	7.1	6.5	-0.5	0.1	318.84	330.07	299.54	38.6	40.4	38.8	8.26	8.17	7.72
	Other stone, clay & glass prod.	21.0	21.5	21.7	-0.5	-0.7	369.15	382.30	388.57	40.7	41.6	45.5	9.07	9.19	8.54
33	Primary metal industries	170.6	174.2	187.9	-3.6	-17.3	448.31	448.31	441.16	37.8	37.8	38.8	11.86	11.86	11.37
331	Blast furnace & basic steel prod.	126.1	129.4	140.1	-3.3	-14.0	488.38	480.07	476.84	37.8	37.1	38.3	12.92	12.94	12.45
3312	Blast furnaces & steel mills	114.9	117.9	128.6	-3.0	-13.7	495.57	486.28	482.47	37.6	36.7	37.9	13.18	13.25	12.73
	Other basic steel products	11.2	11.5	11.5	-0.3	-0.3	414.49	416.96	411.16	39.4	40.6	42.3	10.52	10.27	9.72
332	Iron & steel foundries	16.3	16.9	19.3	-0.6	-3.0	341.13	350.22	326.70	38.2	39.0	38.8	8.93	8.98	8.42
3321	Gray iron foundries	7.0	7.5	8.0	-0.5	-1.0	326.23	346.90	307.93	38.2	39.6	37.1	8.54	8.76	8.30
3325	Steel foundries, n.e.c.	5.7	5.7	6.8	0.0	-1.1	360.19	368.00	338.12	38.4	39.4	40.3	9.38	9.34	8.39
3322,4	Malleable iron & steel invest.	3.6	3.7	4.5	-0.1	-0.9	343.37	332.42	346.33	37.9	37.1	39.9	9.06	8.96	8.68
335	Nonferrous rolling & drawing	13.8	14.0	13.8	-0.2	0.0	340.49	367.43	365.07	38.3	41.1	43.0	8.89	8.94	8.49
336	Nonferrous foundries	7.1	7.1	6.6	0.0	0.5	328.84	338.24	290.60	40.2	41.4	37.4	8.18	8.17	7.77
	Other primary metal products	7.3	6.8	8.1	0.5	-0.8	317.70	358.78	352.35	35.3	39.6	43.5	9.00	9.06	8.10
34	Fabricated metal products	105.0	104.9	108.9	0.1	-3.9	349.16	359.31	330.86	39.1	40.6	40.3	8.93	8.85	8.21
341	Metal cans & shipping containers	3.9	3.9	3.9	0.0	0.0	455.39	478.67	415.58	42.8	45.2	44.4	10.64	10.59	9.36
342	Cutlery, hand tools & hardware	5.8	5.8	6.4	0.0	-0.6	263.47	265.48	254.48	36.9	38.7	39.7	7.14	6.86	6.41
343	Plumbing & heating exc. electrical	3.6	3.6	3.5	0.0	0.1	309.64	319.18	293.53	37.9	39.6	39.4	8.17	8.06	7.45
344	Fabricated structural metal prod.	32.8	33.3	34.4	-0.5	-1.6	324.90	346.28	314.03	38.0	40.5	39.5	8.55	8.55	7.95
3441	Fabricated structural metal	7.3	7.3	8.9	0.0	-1.6	364.01	385.49	303.75	37.8	39.7	34.4	9.63	9.71	8.83
3443	Fabricated plate work (boiler shops)	10.5	10.5	10.6	0.0	-0.1	330.63	355.20	331.89	37.7	40.0	41.8	8.77	8.88	7.94
	Other fabricated struct. metal prod.	15.0	15.5	14.9	-0.5	0.1	300.66	321.73	307.98	38.3	41.3	40.9	7.85	7.79	7.53
345	Screw machine products, bolts, etc.	8.4	8.7	9.1	-0.3	-0.7	323.60	351.10	295.89	40.0	42.2	40.7	8.09	8.32	7.27
346	Metal forgings & stampings	19.3	18.1	19.4	1.2	-0.1	445.67	443.64	416.85	40.7	41.5	39.7	10.95	10.69	10.50
3462	Iron & steel forgings	5.6	5.8	5.9	-0.2	-0.3	391.79	388.33	342.47	40.6	40.2	37.8	9.65	9.66	9.06
	Other metal forgings & stampings	13.7	12.3	13.5	1.4	0.2	465.12	467.73	445.21	40.8	42.1	40.4	11.40	11.11	11.02
347,8	Metal services & ordnance, n.e.c.	8.3	8.2	8.0	0.1	0.3	308.89	306.93	292.00	39.5	39.4	40.0	7.82	7.79	7.30
349	Misc. fabricated metal products	22.9	23.3	24.2	-0.4	-1.3	324.94	334.44	318.42	38.5	39.3	41.3	8.44	8.51	7.71
3494	Valves & pipe fittings	9.0	9.2	9.9	-0.2	-0.9	341.15	350.95	331.80	38.9	39.3	42.0	8.77	8.93	7.90
	Other misc. fabricated metal prod.	13.9	14.1	14.3	-0.2	-0.4	315.98	325.40	310.84	38.3	39.3	40.9	8.25	8.28	7.60

TABLE 6.
(cont.)

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

Current Month is JANUARY 1982

SIC	INDUSTRY TITLE	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
					NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
		CURRENT MONTH	MONTH AGO	YEAR AGO	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO
35	Machinery, exc. electrical	140.8	142.3	142.8	-1.5	-2.0	$375.72	$383.16	$356.04	40.4	41.2	41.4	$ 9.30	$ 9.30	$ 8.60
351	Engines & turbines	10.4	10.4	9.8	0.0	0.6	442.44	446.02	395.32	41.7	42.6	41.7	10.61	10.47	9.48
352	Farm & garden machinery	4.2	4.3	4.5	-0.1	-0.3	382.79	375.09	346.32	39.1	39.4	40.6	9.79	9.52	8.53
353	Construction & related mach.	26.0	26.1	25.5	-0.1	0.5	395.11	415.23	374.88	40.4	42.5	41.7	9.78	9.77	8.99
3531	Construction machinery	8.5	8.5	8.2	0.0	0.3	421.37	433.87	394.00	40.4	41.4	41.3	10.43	10.48	9.54
3535	Conveyors & conveying equip.	3.7	3.8	3.6	-0.1	0.1	296.43	306.23	280.38	35.5	37.3	35.9	8.35	8.21	7.81
	Other construction & related mach.	13.8	13.8	13.7	0.0	0.1	394.42	420.71	378.40	41.3	44.1	43.0	9.55	9.54	8.80
354	Metal working machinery	21.0	21.6	22.5	-0.6	-1.5	379.22	373.67	364.91	40.3	39.5	40.5	9.41	9.46	9.01
355	Special industry machinery	13.9	13.9	14.0	0.0	-0.1	354.48	372.74	332.52	40.1	41.6	40.8	8.84	8.96	8.15
356	General industrial machinery	27.2	27.6	28.2	-0.4	-1.0	365.31	382.62	359.53	40.5	42.0	42.7	9.02	9.11	8.42
3561	Pumps & pumping equipment	4.2	4.2	4.1	0.0	0.1	347.06	374.24	392.00	39.8	40.9	44.8	8.72	9.15	8.75
3562	Ball & roller bearings	4.1	4.1	3.9	0.0	0.2	353.33	377.88	327.33	38.7	40.2	38.6	9.13	9.40	8.48
3563	Air & gas compressors	5.1	5.2	5.2	-0.1	-0.1	360.75	377.20	399.83	39.0	40.0	46.6	9.25	9.43	8.58
3567	Industrial furnaces & ovens	3.3	3.4	3.8	-0.1	-0.5	348.13	348.00	323.20	36.8	38.2	38.8	9.46	9.11	8.33
	Other general industrial mach.	10.5	10.7	11.2	-0.2	-0.7	384.07	400.45	355.61	43.3	45.3	43.0	8.87	8.84	8.27
357	Office and computing machines	13.3	13.3	13.0	0.0	0.3	437.75	423.19	378.40	42.5	41.9	40.0	10.30	10.10	9.46
358	Refrigeration & service ind. mach.	10.7	10.8	11.2	-0.1	-0.5	302.11	338.70	294.46	35.5	39.8	39.9	8.51	8.51	7.38
359	Misc. machinery, exc. electrical	14.1	14.3	14.1	-0.2	0.0	341.54	329.64	344.68	41.6	40.2	42.5	8.21	8.20	8.11
36	Electric & electronic equipment	113.0	115.9	117.9	-2.9	-4.9	333.66	333.33	308.91	40.2	40.6	40.7	8.30	8.21	7.59
361	Electric distributing equip.	17.7	18.0	18.5	-0.3	-0.8	422.14	419.17	389.10	43.7	43.8	42.9	9.66	9.57	9.07
3612	Transformers	5.9	6.0	6.1	-0.1	-0.2	394.19	431.06	370.66	42.8	46.4	41.6	9.21	9.29	8.91
3613	Switchgear & switchboard apparatus	11.8	12.0	12.4	-0.2	-0.6	436.15	413.53	398.03	44.1	42.5	43.5	9.89	9.73	9.15
362	Electrical industrial apparatus	19.6	20.1	21.9	-0.5	-2.3	323.21	323.20	288.95	40.1	40.0	40.3	8.06	8.08	7.17
363	Household appliances	3.1	3.8	3.3	-0.7	-0.2	306.94	257.95	282.68	39.2	35.0	38.2	7.83	7.37	7.40
364	Electric lighting & wiring equip.	20.2	20.6	20.7	-0.4	-0.5	311.22	314.16	285.42	39.9	40.8	40.6	7.80	7.70	7.03
3643	Current-carrying wiring devices	11.4	11.6	11.0	-0.2	0.4	301.15	296.74	280.30	40.1	40.1	40.8	7.51	7.40	6.87
	Other electric light & wiring equip.	8.8	9.0	9.7	-0.2	-0.9	321.19	330.34	288.86	39.8	41.5	40.4	8.07	7.96	7.15
366	Communication equipment	9.7	9.7	9.9	0.0	-0.2	326.82	332.71	341.01	41.9	42.6	42.1	7.80	7.81	8.10
367	Electronic components & accessories	32.0	32.7	33.3	-0.7	-1.3	336.00	334.89	299.55	40.0	40.3	40.7	8.40	8.31	7.36
3674	Semiconductors & related devices	11.4	11.4	11.4	0.0	0.0	446.25	436.60	397.32	42.5	41.7	43.0	10.50	10.47	9.24
	Other electronic components & access.	20.6	21.3	21.9	-0.7	-1.3	278.25	283.14	251.86	38.7	39.6	39.6	7.19	7.15	6.36
	Other electrical equip. & supplies	10.7	11.0	10.3	-0.3	0.4	260.95	274.48	277.68	35.6	37.6	38.3	7.33	7.30	7.25
37	Transportation equipment	65.8	69.3	81.0	-3.5	-15.2	401.84	423.39	384.31	38.9	40.4	40.2	10.33	10.48	9.56
371	Motor vehicles & equipment	24.6	25.7	27.2	-1.5	-1.5	442.18	460.53	405.38	39.8	40.9	39.9	11.11	11.26	10.16
3714	Motor vehicle parts & access.	9.4	9.8	10.6	-0.4	-1.2	453.61	499.84	456.06	41.2	44.0	43.6	11.01	11.36	10.46
	Other motor vehicles & equip.	15.2	15.9	16.6	-0.7	-1.4	433.44	430.43	362.23	38.7	38.5	36.7	11.20	11.18	9.87
372	Aircraft & parts	11.1	11.5	13.4	-0.4	-2.3	429.32	452.35	396.86	39.9	41.5	42.4	10.76	10.90	9.36
373	Ship & boat building & repairing	4.7	5.8	7.8	-1.1	-3.1	322.33	419.22	387.53	34.4	41.1	40.2	9.37	10.20	9.64
374	Railroad equipment	11.5	12.7	19.2	-1.2	-7.7	385.23	381.38	387.54	38.6	38.1	38.6	9.98	10.01	10.04
	Other transportation equipment	13.9	13.6	13.4	0.3	0.5	319.73	335.27	308.90	38.2	40.2	41.8	8.37	8.34	7.39
38	Instruments & related products	40.3	40.4	40.9	-0.1	-0.6	310.06	340.52	295.87	39.1	42.3	40.2	7.93	8.05	7.36
382	Measuring & controlling devices	21.3	21.4	21.6	-0.1	-0.3	336.10	376.37	312.26	40.3	44.7	40.5	8.34	8.42	7.71
384	Medical instruments & supplies	10.8	10.8	11.2	0.0	-0.4	283.49	310.85	298.29	37.4	39.7	41.2	7.58	7.83	7.24
	Other instruments & related prod.	8.2	8.2	8.1	0.0	0.1	278.82	289.08	251.18	38.3	39.6	38.0	7.28	7.30	6.61
39	Miscellaneous manufacturing industries	21.4	22.2	22.1	-0.8	-0.7	292.99	300.45	303.68	38.5	39.9	41.6	7.61	7.53	7.30

TABLE 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL (cont.)

(Employment in Thousands)

Current Month is JANUARY 1982

SIC	INDUSTRY TITLE	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
		CURRENT MONTH	MONTH AGO	YEAR AGO	NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
					MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO
	TOTAL NONDURABLE GOODS	498.6	503.6	499.6	-5.0	-1.0	$263.47	$266.87	$252.67	36.9	37.8	37.6	$ 7.14	$ 7.06	$ 6.72
20	Food & kindred products	93.1	95.2	94.1	-2.1	-1.0	311.25	313.16	296.61	39.2	40.2	40.3	7.94	7.79	7.36
201	Meat products	14.6	14.9	15.2	-0.3	-0.6	307.32	309.83	287.68	39.0	40.5	39.3	7.88	7.65	7.32
2011	Meat packing plants	4.8	4.7	4.7	0.1	0.1	353.60	353.93	346.76	41.6	42.9	40.7	8.50	8.25	8.52
2013	Sausages & other prepared meats	4.9	5.0	5.4	-0.1	-0.5	385.30	399.42	316.22	38.3	42.0	36.6	10.06	9.51	8.64
2016,7	Poultry dressing & processing	4.9	5.2	5.1	-0.3	-0.2	201.82	202.54	210.20	37.1	37.3	40.5	5.44	5.43	5.19
202	Dairy products	10.6	10.7	11.0	-0.1	-0.4	303.05	315.19	294.37	41.4	43.0	42.6	7.32	7.33	6.91
2026	Fluid milk	5.7	5.7	6.0	0.0	-0.3	339.75	355.01	322.21	42.1	43.4	41.9	8.07	8.18	7.69
	Other dairy products	4.9	5.0	5.0	-0.1	-0.1	276.08	286.52	275.20	40.9	42.7	43.0	6.75	6.71	6.40
203	Preserved fruits & vegetables	11.0	12.5	11.6	-1.5	-0.6	292.00	301.99	257.69	39.3	40.7	37.4	7.43	7.42	6.89
2033	Canned fruits & vegetables	3.8	4.8	4.2	-1.0	-0.4	215.75	217.67	187.62	36.2	36.4	35.2	5.96	5.98	5.33
	Other preserved fruits & vegetables	7.2	7.7	7.4	-0.5	-0.2	336.20	356.27	301.86	41.1	43.5	38.8	8.18	8.19	7.78
204	Grain mill products	5.5	5.5	5.0	0.0	0.5	331.23	325.54	299.88	40.1	41.0	40.8	8.26	7.94	7.35
205	Bakery products	18.1	18.3	17.7	-0.2	0.4	292.19	299.09	300.05	36.8	38.1	41.5	7.94	7.85	7.23
2051	Bread, cake & related prod.	13.5	13.7	13.3	-0.2	0.2	291.56	297.94	288.55	37.0	38.1	40.3	7.88	7.82	7.16
2052	Cookies & crackers	4.6	4.6	4.4	0.0	0.2	294.48	300.58	325.75	36.4	38.0	44.2	8.09	7.91	7.37
206	Sugar & confectionery prod.	15.7	15.2	15.8	0.5	-0.1	350.33	335.56	333.15	40.5	39.9	41.8	8.65	8.41	7.97
2065	Confectionery prod.	7.3	6.8	7.2	0.5	0.1	287.93	277.15	273.08	38.7	38.6	40.1	7.44	7.18	6.81
2066	Chocolate & cocoa prod.	6.3	6.3	6.1	0.0	0.2	378.98	369.98	360.82	41.6	41.2	42.7	9.11	8.98	8.45
	Other sugar prod.	2.1	2.1	2.5	0.0	-0.4	531.04	479.00	466.33	44.7	41.4	45.1	11.88	11.57	10.34
208	Beverages	9.2	9.4	9.0	-0.2	0.2	371.33	382.23	342.40	40.1	41.1	38.8	9.26	9.30	8.94
	Other food & kindred products	8.4	8.7	8.8	-0.3	-0.4	247.00	255.76	253.56	38.0	39.9	40.7	6.50	6.41	6.23
21	Tobacco manufacturers	3.0	3.0	3.1	0.0	-0.1	200.21	202.75	181.42	38.8	39.6	38.6	5.16	5.12	4.70
22	Textile mill products	41.1	42.2	42.9	-1.1	-1.8	202.62	206.83	202.99	35.3	37.0	38.3	5.74	5.59	5.30
222	Weaving mills, synthetics	4.6	4.6	4.9	0.0	-0.3	235.80	234.62	246.42	39.3	39.3	44.4	6.00	5.97	5.55
225	Knitting mills	20.7	21.6	21.5	-0.9	-0.8	182.05	186.90	186.85	33.1	35.6	37.0	5.50	5.25	5.05
2253	Knit outerwear mills	11.7	11.9	11.1	-0.2	0.6	183.53	189.89	189.63	33.8	36.8	37.7	5.43	5.16	5.03
2254	Knit underwear mills	4.0	4.6	4.9	-0.6	-0.9	170.04	171.47	161.81	32.7	34.5	33.5	5.20	4.97	4.83
	Other knitting mills	5.0	5.1	5.5	-0.1	-0.5	189.21	193.34	205.00	31.8	33.8	38.9	5.95	5.72	5.27
227	Floor covering mills	3.5	3.5	3.6	0.0	-0.1	268.60	287.56	226.61	37.1	39.5	35.8	7.24	7.28	6.33
228	Yarn & thread mills	3.5	3.6	4.1	-0.1	-0.6	190.18	197.38	189.44	37.0	38.4	37.0	5.14	5.14	5.12
	Other textile mill prod.	8.8	8.9	8.8	-0.1	0.0	219.26	221.34	215.05	37.1	37.9	39.1	5.91	5.84	5.50
23	Apparel & other textile products	122.0	122.0	118.3	0.0	3.7	168.01	171.68	161.10	31.7	32.7	31.9	5.30	5.25	5.05
231	Men's & boys' suits & coats	16.7	16.6	16.0	0.1	0.7	227.60	231.10	215.03	36.3	36.8	36.2	6.27	6.28	5.94
232	Men's & boys' furnishings	19.8	19.7	19.2	0.1	0.6	170.69	174.03	170.78	33.6	35.3	34.5	5.08	4.93	4.95
2321	Men's & boys' shirts & nightwear	7.3	7.4	7.2	-0.1	0.1	176.29	180.12	175.38	35.4	38.0	37.0	4.98	4.74	4.74
2327	Men's & boys' separate trousers	4.3	4.2	4.4	0.1	-0.1	189.31	196.38	186.14	34.8	36.1	33.6	5.44	5.44	5.54
	Other furnishings & work clothing	8.2	8.1	7.6	0.1	0.6	155.56	156.49	158.25	31.3	32.4	32.9	4.97	4.83	4.81
233	Women's & misses' outerwear	56.1	55.2	54.3	0.9	1.8	154.88	157.72	145.08	29.5	30.1	28.9	5.25	5.24	5.02
234	Women's & children's undergarments	10.0	10.3	9.5	-0.3	0.5	147.74	148.39	144.52	31.5	32.4	33.3	4.69	4.58	4.34
236	Children's outerwear	7.9	8.2	7.3	-0.3	0.6	159.03	157.59	152.60	31.0	30.9	31.4	5.13	5.10	4.86
	Other apparel & textile prod.	11.5	12.0	12.0	-0.5	-0.5	163.02	176.08	163.09	32.8	35.5	34.7	4.97	4.96	4.70

TABLE 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL (concl.)

(Employment in Thousands)

Current Month is JANUARY 1982

		ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
					NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
SIC	INDUSTRY TITLE	CURRENT MONTH	MONTH AGO	YEAR AGO	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO
26	Paper & allied products	40.8	41.1	41.6	-0.3	-0.8	$333.13	$334.54	$305.88	42.6	43.0	42.9	$ 7.82	$ 7.78	$ 7.13
262	Paper mills exc. building paper	11.0	11.0	11.4	0.0	-0.4	429.78	419.96	354.38	47.7	46.2	42.8	9.01	9.09	8.28
265	Paper board containers & boxes	13.8	13.9	14.0	-0.1	-0.2	313.60	317.38	311.22	40.0	40.9	42.4	7.84	7.76	7.34
2653	Corrugated & solid fiber boxes	7.1	7.1	7.2	0.0	-0.1	329.26	328.36	326.80	40.8	41.2	43.0	8.07	7.97	7.60
	Other paperboard containers	6.7	6.8	6.8	-0.1	-0.1	297.92	307.29	295.24	39.2	40.7	41.7	7.60	7.55	7.08
	Other paper & allied products	16.0	16.2	16.2	-0.2	-0.2	300.89	305.58	276.23	42.2	43.1	43.5	7.13	7.09	6.35
27	Printing & publishing	74.5	74.5	72.3	0.0	2.2	323.71	335.02	306.61	38.4	39.6	37.9	8.43	8.46	8.09
271	Newspapers	24.5	24.5	23.4	0.0	1.1	306.67	325.94	293.22	33.7	35.7	32.4	9.10	9.13	9.05
273	Books	6.0	5.9	5.9	0.1	0.1	319.35	304.22	269.01	41.8	41.0	39.1	7.64	7.42	6.88
275	Commercial printing	21.9	21.9	21.5	0.0	0.4	335.48	348.25	327.15	39.1	39.8	38.9	8.58	8.75	8.41
2752	Lithographing	12.4	12.6	12.2	-0.2	0.2	355.68	364.32	324.02	39.0	39.6	38.3	9.12	9.20	8.46
	Other commercial printing	9.5	9.3	9.3	0.2	0.2	310.86	327.62	331.50	39.3	40.1	39.7	7.91	8.17	8.35
276	Manifold business forms	4.4	4.4	4.4	0.0	0.0	361.58	391.46	314.91	43.2	46.0	41.6	8.37	8.51	7.57
	Other printing & publishing	17.7	17.8	17.1	-0.1	0.6	309.93	317.99	299.86	38.5	40.1	39.3	8.05	7.93	7.63
28	Chemicals & allied products	59.1	59.2	59.7	-0.1	-0.6	376.66	370.87	352.19	41.3	40.8	41.0	9.12	9.09	8.59
281	Industrial inorganic chemicals	9.8	9.7	10.1	0.1	-0.3	390.93	384.61	360.73	41.9	41.4	41.8	9.33	9.29	8.63
282	Plastic materials & synthetics	8.1	8.0	8.2	0.1	-0.1	382.36	366.11	331.58	39.5	37.9	38.2	9.68	9.66	8.68
283	Drugs	18.2	18.4	17.7	-0.2	0.5	410.89	398.57	372.66	41.8	40.3	38.9	9.83	9.89	9.58
284	Soap, cleaners & toilet goods	3.1	3.1	3.1	0.0	0.0	342.55	355.27	307.73	44.2	45.9	43.1	7.75	7.74	7.14
285	Paints & allied products	4.0	4.0	4.2	0.0	-0.2	299.20	327.76	314.41	35.2	38.2	39.4	8.50	8.58	7.98
	Other chemicals & allied prod.	15.9	16.0	16.4	-0.1	-0.5	363.76	357.83	358.48	42.2	41.9	43.4	8.62	8.54	8.26
29	Petroleum & coal products	15.8	16.1	16.3	-0.3	-0.5	483.48	484.08	472.18	41.5	42.5	42.5	11.65	11.39	11.11
291	Petroleum refining	12.8	12.8	13.4	0.0	-0.6	504.23	510.00	495.32	41.5	42.5	42.7	12.15	12.00	11.60
	Other petroleum & coal prod.	3.0	3.3	2.9	-0.3	0.1	390.52	381.65	349.83	41.5	42.5	41.4	9.41	8.98	8.45
30	Rubber & misc. plastics products	34.2	34.8	35.7	-0.6	-1.5	282.43	286.94	261.60	39.5	40.3	40.0	7.15	7.12	6.54
301	Tires & inner tubes	3.1	3.2	3.6	-0.1	-0.5	385.12	384.98	380.63	41.5	41.8	43.5	9.28	9.21	8.75
306	Fabricated rubber prod., n.e.c.	4.2	4.2	4.4	0.0	-0.2	344.86	352.56	325.51	41.3	43.1	43.0	8.35	8.18	7.57
	Other rubber & plastic prod., n.e.c.	26.9	27.4	27.7	-0.5	-0.8	265.10	269.45	241.70	39.1	39.8	39.3	6.78	6.77	6.15
31	Leather & leather products	15.0	15.5	15.6	-0.5	-0.6	180.50	178.06	179.35	36.1	35.9	37.6	5.00	4.96	4.77
314	Footwear, exc. rubber	11.4	11.6	12.0	-0.2	-0.6	169.81	164.15	164.25	35.6	35.0	36.5	4.77	4.69	4.50
3143	Men's footwear, exc. athletic	4.4	4.4	4.4	0.0	0.0	180.44	170.15	180.68	36.9	35.3	37.8	4.89	4.82	4.78
3144	Women's footwear, exc. athletic	3.1	3.2	3.5	-0.1	-0.4	175.57	164.16	151.90	36.2	34.2	35.0	4.85	4.80	4.34
	Other footwear	3.9	4.0	4.1	-0.1	-0.2	153.45	157.88	157.25	33.8	35.4	36.4	4.54	4.46	4.32
	Other leather & leather prod.	3.6	3.9	3.6	-0.3	0.0	218.48	223.10	227.55	37.8	38.8	41.0	5.78	5.75	5.55
	SELECTED NONMANUFACTURING INDUSTRIES														
	Anthracite Mining	3.6	3.6	3.5	0.0	0.1	416.97	416.48	377.84	41.0	41.4	44.4	10.17	10.06	8.51
	Bituminous coal & lignite mining	35.2	35.5	35.0	-0.3	0.2	518.28	508.82	429.57	42.0	41.3	37.0	12.34	12.32	11.61
	Nonmetallic minerals, exc. fuels	2.9	3.7	3.7	-0.8	-0.8	350.80	349.46	368.88	40.0	40.4	43.5	8.77	8.65	8.48
	Communication	54.8	55.1	55.0	-0.3	-0.2	437.18	428.67	374.79	39.6	40.1	39.0	11.04	10.69	9.61
	Electric, gas, & sanitary services	48.2	48.9	47.7	-0.7	0.5	479.95	462.09	439.12	43.2	42.2	44.0	11.11	10.95	9.98
	Electric services	24.2	24.7	24.0	-0.5	0.2	454.54	437.02	413.42	42.8	41.9	42.1	10.62	10.43	9.82
	Gas production & distribution	8.9	9.1	8.9	-0.2	0.0	426.30	407.26	419.61	42.0	41.6	47.2	10.15	9.79	8.89
	General merchandise stores	118.6	129.1	120.7	-10.5	-2.1	142.58	144.72	133.64	26.6	28.6	25.8	5.36	5.06	5.18
	Banking	80.7	80.7	79.8	0.0	0.9	204.02	201.71	193.52	INA	INA	INA	INA	INA	INA
	Insurance carriers	70.4	70.2	69.8	0.2	0.6	251.38	253.25	235.67	INA	INA	INA	INA	INA	INA
	Life insurance	27.1	27.0	26.6	0.1	0.5	227.82	231.72	218.16	INA	INA	INA	INA	INA	INA
	Fire, marine & casualty insurance	29.1	29.0	29.0	0.1	0.1	260.14	259.68	232.96	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1975	$193.22	38.8	$4.98	$217.60	40.0	$5.44	$159.22	37.2	$4.28	$253.37	39.1	$ 6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1980	294.49	38.8	7.59	332.64	39.6	8.40	236.50	37.6	6.29	399.81	37.4	10.69
1981	325.36	39.2	8.30	370.64	40.2	9.22	259.31	37.8	6.86	450.85	38.6	11.68
1981 Jan.	317.52	39.2	8.10	360.69	40.3	8.95	252.67	37.6	6.72	441.16	38.8	11.37
Feb.	317.91	39.2	8.11	362.30	40.3	8.99	251.92	37.6	6.70	445.77	39.0	11.43
Mar.	320.72	39.4	8.14	365.72	40.5	9.03	254.02	37.8	6.72	447.74	38.9	11.51
Apr.	323.05	39.3	8.22	368.96	40.5	9.11	254.32	37.4	6.80	467.57	40.1	11.66
May	324.26	39.4	8.23	367.54	40.3	9.12	260.60	38.1	6.84	444.27	38.2	11.63
Jun.	325.05	39.4	8.25	369.15	40.3	9.16	259.92	38.0	6.84	442.36	38.2	11.58
Jul.	323.31	39.0	8.29	366.16	39.8	9.20	261.82	38.0	6.89	440.04	38.0	11.58
Aug.	329.78	39.4	8.37	375.47	40.2	9.34	262.82	38.2	6.88	463.24	38.7	11.97
Sep.	331.63	39.2	8.46	378.95	40.1	9.45	262.33	37.8	6.94	477.97	39.6	12.07
Oct.	328.44	39.1	8.40	374.80	40.0	9.37	263.41	37.9	6.95	445.36	38.0	11.72
Nov.	332.87	39.3	8.47	380.43	40.3	9.44	265.68	37.9	7.01	453.09	38.3	11.83
Dec.	332.67	39.0	8.53	379.85	39.9	9.52	266.87	37.8	7.06	448.31	37.8	11.86
1982 Jan.	326.14	38.1	8.56	372.62	39.1	9.53	263.47	36.9	7.14	448.31	37.8	11.86

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1975	$208.17	40.5	$5.14	$222.14	41.6	$5.34	$191.84	39.8	$4.82	$234.61	39.9	$ 5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1980	309.57	40.1	7.72	338.60	41.7	8.12	287.68	39.9	7.21	356.40	39.6	9.00
1981	341.30	40.2	8.49	369.35	41.5	8.90	319.93	40.6	7.88	396.61	39.9	9.94
1981 Jan.	330.86	40.3	8.21	356.04	41.4	8.60	308.91	40.7	7.59	384.31	40.2	9.56
Feb.	332.49	40.4	8.23	360.71	41.7	8.65	312.89	40.9	7.65	374.53	39.3	9.53
Mar.	336.57	40.6	8.29	360.76	41.9	8.61	320.12	41.2	7.77	383.36	40.1	9.56
Apr.	334.06	40.2	8.31	357.11	41.0	8.71	315.43	40.7	7.75	380.56	39.6	9.61
May	339.73	40.3	8.43	365.62	41.5	8.81	316.61	40.8	7.76	387.03	39.9	9.70
Jun.	347.58	40.7	8.54	369.09	41.8	8.83	317.05	40.7	7.79	394.76	40.2	9.82
Jul.	335.47	39.7	8.45	367.63	41.4	8.88	312.80	40.0	7.82	401.98	39.8	10.10
Aug.	343.14	39.9	8.60	374.88	41.7	8.99	321.18	40.4	7.95	402.19	39.9	10.08
Sep.	342.86	39.5	8.68	375.91	41.4	9.08	317.60	39.8	7.98	400.07	39.3	10.18
Oct.	345.14	39.9	8.65	380.22	41.6	9.14	330.89	40.8	8.11	416.64	40.1	10.39
Nov.	351.88	40.4	8.71	385.40	41.8	9.22	334.14	41.1	8.13	427.58	40.8	10.48
Dec.	359.31	40.6	8.85	383.16	41.2	9.30	333.33	40.6	8.21	423.39	40.4	10.48
1982 Jan.	349.16	39.1	8.93	375.72	40.4	9.30	333.66	40.2	8.30	401.84	38.9	10.33

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1975	$187.80	40.3	$4.66	$132.42	37.3	$3.55	$109.20	32.5	$3.36	$204.58	37.4	$5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.28	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1980	274.33	39.7	6.91	192.89	38.5	5.01	153.12	32.1	4.77	284.56	37.1	7.67
1981	305.07	40.3	7.57	207.10	38.0	5.45	169.25	32.8	5.16	318.40	38.5	8.27
1981 Jan.	296.61	40.3	7.36	202.99	38.3	5.30	161.10	31.9	5.05	306.61	37.9	8.09
Feb.	298.96	40.4	7.40	205.35	38.6	5.32	160.64	32.0	5.02	305.37	37.7	8.10
Mar.	298.28	40.2	7.42	205.21	38.5	5.33	166.62	32.8	5.08	306.94	37.8	8.12
Apr.	297.04	39.5	7.52	207.13	38.5	5.38	163.89	31.7	5.17	311.76	38.3	8.14
May	311.54	41.1	7.58	210.92	38.7	5.45	167.83	32.4	5.18	312.19	38.4	8.13
Jun.	308.97	40.6	7.61	209.75	38.7	5.42	168.54	32.6	5.17	317.34	38.7	8.20
Jul.	310.49	40.8	7.61	202.50	37.5	5.40	170.98	33.2	5.15	316.74	38.3	8.27
Aug.	307.89	40.3	7.64	209.59	37.9	5.53	175.10	34.0	5.15	321.98	38.7	8.32
Sep.	303.73	39.6	7.67	209.61	37.7	5.56	173.53	33.5	5.18	325.47	38.7	8.41
Oct.	302.48	39.8	7.60	208.50	37.5	5.56	176.77	33.8	5.23	329.87	38.9	8.48
Nov.	309.50	40.3	7.68	210.00	37.5	5.60	172.78	33.1	5.22	330.33	39.0	8.47
Dec.	313.16	40.2	7.79	206.83	37.0	5.59	171.68	32.7	5.25	335.02	39.6	8.46
1982 Jan.	311.25	39.2	7.94	202.62	35.3	5.74	168.01	31.7	5.30	323.71	38.4	8.43

TABLE 8. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1971	$140.73	39.2	$3.59	127.3	121.3	$116.02	$ 24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 9. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Current Month is JANUARY 1982

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Current Month	Month Ago	Year Ago	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago
MANUFACTURING	863.2	882.8	916.4	32,921.8	34,432.7	35,917.0	281,835.9	293,722.5	290,955.2
DURABLE GOODS	501.7	516.2	552.4	19,591.5	20,589.2	22,242.5	186,688.9	195,943.2	199,113.9
NONDUR. GOODS	361.5	366.6	364.0	13,330.3	13,843.5	13,674.5	95,147.0	97,779.3	91,841.3

TABLE 10. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Current Month is JANUARY 1982

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago
PENNSYLVANIA	$326.14	$332.67	$317.52	38.1	39.0	39.2	$ 8.56	$ 8.53	$8.10
ALLENTOWN-BETHLEHEM-EASTON	348.00	346.24	324.76	38.2	38.6	38.8	9.11	8.97	8.37
ALTOONA	277.40	274.90	269.12	38.0	37.3	38.5	7.30	7.37	6.99
ERIE	348.10	367.42	336.61	39.2	41.8	40.9	8.88	8.79	8.23
HARRISBURG	321.14	319.80	311.19	39.5	39.0	41.0	8.13	8.20	7.59
JOHNSTOWN	300.67	309.88	319.88	34.8	35.7	36.6	8.64	8.68	8.74
LANCASTER	286.88	286.14	278.40	37.5	38.0	40.0	7.65	7.53	6.96
NORTHEAST	244.35	251.66	225.63	36.8	37.9	36.1	6.64	6.64	6.25
PHILADELPHIA	333.03	346.52	321.59	38.5	40.2	39.9	8.65	8.62	8.06
PITTSBURGH	421.37	412.91	395.17	40.4	39.4	40.2	10.43	10.48	9.83
READING	310.70	320.76	303.20	38.5	39.6	40.0	8.07	8.10	7.58
WILLIAMSPORT	317.85	327.64	297.11	39.0	40.4	39.3	8.15	8.11	7.56
YORK	313.56	315.46	281.47	40.2	40.6	39.7	7.80	7.77	7.09

TABLE 11. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Current Month is January 1982

Area	Rate of Unemployment					
	Current Month		One Month Ago		One Year Ago	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	9.4	8.5	8.3	8.8	8.2	7.4
PENNSYLVANIA	11.8	11.2	9.3	9.6	9.2	8.5
ALLENTOWN-BETH-EASTON	11.7	10.9	INA	INA	INA	INA
ALTOONA	17.9	16.3	13.4	13.3	15.2	13.7
ERIE	12.2	11.3	10.0	10.4	10.7	9.9
HARRISBURG	8.7	7.8	6.2	6.9	6.7	6.0
JOHNSTOWN	18.5	16.7	14.7	14.7	14.9	13.5
LANCASTER	10.0	8.7	6.6	7.4	6.6	5.7
NORTHEAST	13.3	11.9	11.9	11.6	12.2	10.9
SCRANTON	12.2	11.1	10.6	10.5	11.9	10.9
W BARRE-HAZLETON	14.3	12.8	13.2	13.0	12.5	11.1
PHILADELPHIA	9.5	9.7	INA	INA	INA	INA
PITTSBURGH	11.4	10.2	8.3	8.9	8.2	7.3
POTTSVILLE	15.8	-	13.4	-	12.1	-
READING	11.8	11.5	8.3	10.1	8.8	8.6
UNIONTOWN-CONNELLSVLE	19.6	-	12.3	-	13.9	-
WILLIAMSPORT	14.4	13.7	11.3	11.9	13.0	12.5
YORK	12.2	10.9	8.1	8.9	9.3	8.2

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago
UNITED STATES	108,014.0	108,574.0	106,885.0	97,831.0	99,562.0	98,139.0	10,183.0	9,013.0	8,746.0
PENNSYLVANIA	5,423.0	5,437.0	5,422.0	4,781.0	4,930.0	4,925.0	642.0	507.0	497.0
ALLENTOWN-BETH-EASTON	310.0	INA	INA	273.6	INA	INA	36.4	INA	INA
ALTOONA	58.3	57.6	58.1	47.8	49.8	49.3	10.4	7.7	8.8
ERIE	122.4	124.0	124.3	107.5	111.6	110.9	15.0	12.4	13.3
HARRISBURG	235.8	233.9	232.9	215.2	219.5	217.2	20.6	14.4	15.7
JOHNSTOWN	104.7	104.8	109.2	85.4	89.4	93.0	19.3	15.4	16.2
LANCASTER	183.7	183.8	179.1	165.4	171.6	167.3	18.3	12.2	11.8
NORTHEAST	285.5	287.4	289.8	247.4	253.1	254.4	38.1	34.2	35.5
SCRANTON	100.3	100.8	102.8	88.1	90.1	90.5	12.3	10.7	12.3
W BARRE-HAZLETON	154.8	156.2	155.7	132.6	135.6	136.3	22.2	20.6	19.4
PHILADELPHIA	2,144.2	INA	INA	1,939.5	INA	INA	204.7	INA	INA
PITTSBURGH	1,027.7	1,026.5	1,028.4	910.6	941.8	943.8	117.1	84.7	84.6
POTTSVILLE	65.6	66.4	68.0	55.3	57.5	59.8	10.4	8.9	8.2
READING	160.5	160.5	158.2	141.6	147.1	144.2	18.9	13.4	13.9
UNIONTOWN-CONNELLSVLE	61.8	58.6	59.6	49.7	51.4	51.4	12.1	7.2	8.3
WILLIAMSPORT	53.3	53.0	53.0	45.6	47.0	46.1	7.7	6.0	6.9
YORK	181.5	178.5	178.9	159.3	163.9	162.3	22.2	14.5	16.6

TABLE 12. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

Current Month is January 1982

1/ STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	1/ Nonagricultural Wage and Salary			Private Sector *		
	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago
UNITED STATES	89781.0	91915.0	89988.0	73897.0	75786.0	73772.0
PENNSYLVANIA	4575.6	4710.9	4656.8	3880.3	4003.6	3937.1
ALLENTOWN-BETHLEHEM-EASTON	256.7	262.3	260.5	226.9	232.6	230.6
ALTOONA	47.2	48.8	47.7	39.5	41.2	40.0
ERIE	107.1	110.6	108.8	96.3	98.4	95.6
HARRISBURG	222.7	225.6	220.6	162.2	164.4	162.6
JOHNSTOWN	77.2	80.5	82.6	62.9	66.3	67.9
LANCASTER	149.8	154.6	149.0	135.4	139.8	133.8
NORTHEAST	231.9	235.6	234.1	193.9	197.8	195.5
PHILADELPHIA	1885.5	1928.2	1904.4	1593.7	1632.7	1599.6
PITTSBURGH	911.3	936.0	926.6	791.7	815.7	808.1
POTTSVILLE	44.1	45.4	46.8	37.4	38.6	39.2
READING	137.5	141.7	137.3	120.8	124.5	120.4
UNIONTOWN-CONNELLSVILLE	33.5	34.5	34.2	27.7	28.7	27.6
WILLIAMSPORT	45.7	46.7	45.3	39.2	40.2	38.6
YORK	153.1	156.5	153.1	135.4	138.6	134.8

Area	Manufacturing			Nonmanufacturing		
	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago
UNITED STATES	19449.0	19818.0	20075.0	70332.0	72097.0	69913.0
PENNSYLVANIA	1244.3	1263.6	1294.5	3325.5	3440.2	3359.2
ALLENTOWN-BETHLEHEM-EASTON	100.0	101.2	103.7	156.3	160.7	156.5
ALTOONA	11.4	12.3	11.0	35.8	36.5	36.7
ERIE	40.4	41.1	40.5	66.6	68.6	68.3
HARRISBURG	41.2	41.2	41.7	181.5	184.4	178.9
JOHNSTOWN	14.7	15.2	17.8	62.5	65.3	64.8
LANCASTER	58.4	59.4	57.8	91.4	95.6	91.0
NORTHEAST	66.1	66.3	67.9	165.8	169.3	166.1
PHILADELPHIA	416.9	422.4	431.0	1468.0	1505.6	1472.0
PITTSBURGH	220.3	226.4	239.9	686.9	705.5	686.0
POTTSVILLE	18.1	18.3	19.5	26.0	27.1	27.3
READING	52.8	53.8	53.2	84.7	87.9	83.7
UNIONTOWN-CONNELLSVILLE	6.7	7.0	7.1	26.8	27.5	27.0
WILLIAMSPORT	15.9	16.5	15.4	29.8	30.2	29.9
YORK	63.7	64.9	63.8	89.4	91.6	89.2

* Excludes Government employment

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

MARCH 1982
Vol. XXVII No. 3

JOB
SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY

BUR-652 REV 6-81

In cooperation with the United States Bureau of Labor Statistics

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing, to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING - ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 – 787-3129

PUBLICATION ANNOUNCEMENT

The Pennsylvania Office of Employment Security, Occupational Employment Statistics Section in cooperation with the U. S. Department of Labor, Bureau of Labor Statistics and Employment Training Administration is releasing the report "PENNSYLVANIA AND SELECTED AREAS OCCUPATIONAL EMPLOYMENT IN HOSPITALS 1980", for the survey period April 1980. The report contains employment estimates in selected occupations for hospitals, including a characteristic and trend analysis. If you wish to obtain a copy of this publication, complete the address form provided.

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ORGANIZATION
(IF APPLICABLE) ____________________________________

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Commonwealth of Pennsylvania
Department of Labor and Industry
Office of Employment Security
R & S - Occupational Employment Statistics
Section
Room 1225, Labor and Industry Building
Harrisburg, PA 17121

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding, Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

Nonagricultural Wage and Salary Data in this publication are arranged according to the 1972 Standard Industrial Classification Manual. Employment data, beginning with 1980, are benchmarked to first quarter 1981. Prior years are not, therefore, strictly comparable.

PENNSYLVANIA EMPLOYMENT AND EARNINGS FOR FEBRUARY 1982

EMPLOYMENT UP - UNEMPLOYMENT DOWN

February estimates show 4,850,000 Pennsylvanians employed during the period... 69,000 more than last month but 68,000 less than a year ago. January had been so depressed by bad weather that the February improvement may be no more than a seasonal rebound.

Seasonally adjusted, the jobless declined to 566,000 in February, down 44,000 from January. This reduced the seasonal rate to 10.3 percent in February from 11.2 percent in January.

Pennsylvania's unemployment, without seasonal adjustment, dropped to 598,000 in February, down 44,000 from January. The unadjusted rate was trimmed to 11.0 percent in February from 11.8 percent a month earlier. One year ago, unemployment numbered 462,000, and the rate was 8.6 percent.

Nationwide, the February seasonally adjusted rate was 8.8 percent of the civilian labor force, up slightly from 8.5 percent in January. The unadjusted rate was 9.6 in February, up from 9.4 in January.

FACTORY JOB PINCH A LITTLE TIGHTER

Manufacturing lost 12,600 jobs since the middle of January, preponderantly in durable goods. Primary metal products had the largest cut, down 4,600. Nonelectrical machinery lost 1,800 positions, followed by fabricated metal products, off 1,600. Electric and electronic equipment dropped by 1,500, closely followed by structural metal products, down 1,300, and instruments and related products, down 1,100.

Nondurable goods held up very well, posting a small decline of 900. Apparel and other textile products showed a gain of 1,700 jobs, with the bulk of the gain occuring in women's and misses' outergarments, a sign that retail establishments are ordering for Easter sales. Printing and publishing declined by 1,500. However, the bulk of this drop can be attributed to the closing of The Philadelphia Bulletin newspaper.

FACTORY HOURS INCREASE - HOURLY EARNINGS DECREASE

Factory hours reflected a substantial gain over the previous month, with both durable and nondurable goods participating in the increase. Hours moved from 38.1 in January, to 38.8 in February, a 42 minute increase. Considering past experience, this increase in average hours worked could be an harbinger of an up-turn in the economy if it were to continue for several consecutive months. Average hourly earnings declined by three cents, down from January's $8.57. Rate fluctuations were comparatively slight in manufacturing industries during this period. Transportation equipment led the durable goods line with an hourly rate increase of 25 cents, moving from $10.35 to $10.58. Petroleum and coal products led the nondurable goods industries with an hourly rate increase of 39 cents, moving from $11.74 to $12.13.

MOVEMENT IN NONMANUFACTURING UP

Nonmanufacturing jobs were up in February, increasing by 8,300 in the 30-day period. Government led the increase with a gain of 9,900 positions. State and local government had an increase of 9,500 jobs, followed by the federal government with 400. The state government employment increase was seasonal due to the return to state colleges and universities after the term break. Services had an advance of 9,500 positions, with the increase appearing in business services, 2,900, and educational services 6,100. Wholesale and retail trade declined by 5,200 jobs from the previous month, despite a gain of 1,500 in retail trade other than general merchandise stores. Mining and contract construction employment continued downward.

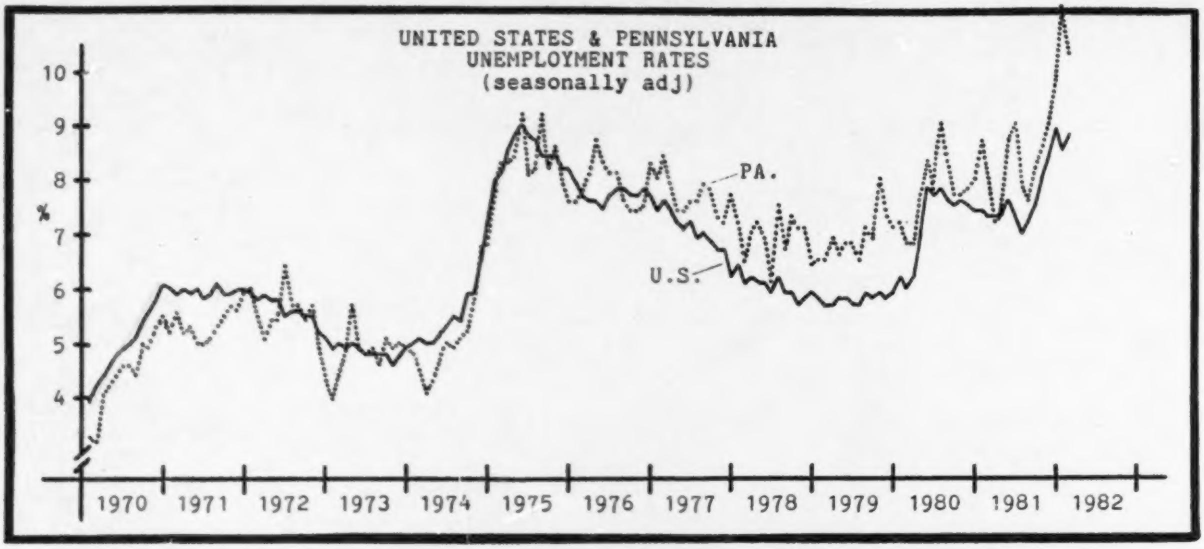


Table 1. **Resident Employment, Unemployment and Unemployed Rate**
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,830	4,612	218	4.5		82,771	78,678	4,093	4.9	
1971	4,813	4,553	261	5.4		84,382	79,367	5,016	5.9	
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,434	5,009	425	7.8		106,940	99,303	7,637	7.1	
1981	5,476	5,018	458	8.4		108,670	100,397	8,273	7.6	
1981 Feb	5,380	4,918	462	8.6	7.9	107,015	98,401	8,614	8.0	7.4
Mar	5,474	5,042	432	7.9	7.4	107,634	99,364	8,271	7.7	7.3
Apr	5,400	5,025	374	6.9	7.4	107,906	100,345	7,561	7.0	7.3
May	5,443	5,019	424	7.8	8.5	108,586	100,855	7,731	7.1	7.5
Jun	5,497	4,985	511	9.3	8.7	109,904	101,419	8,485	7.7	7.4
Jul	5,597	5,142	455	8.1	8.2	110,742	102,612	8,130	7.3	7.2
Aug	5,583	5,150	432	7.7	7.9	110,099	102,152	7,947	7.2	7.3
Sep	5,445	4,997	448	8.2	8.5	108,273	100,389	7,884	7.3	7.6
Oct	5,525	5,051	475	8.6	8.7	109,244	101,028	8,216	7.5	8.0
Nov	5,514	5,034	479	8.7	9.0	109,179	100,502	8,676	7.9	8.3
Dec	5,437	4,930	507	9.3	9.6	108,574	99,562	9,013	8.3	8.8
1982 Jan	5,423	4,781	642	11.8	11.2	108,014	97,831	10,183	9.4	8.5
Feb	5,448	4,850	598	11.0	10.3	108,324	97,946	10,378	9.6	8.8

On all tables the most recent month's data are preliminary. They are subject to revision.

TABLE 2. TOTAL CIVILIAN LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA

Current Month is February 1982

RESIDENT DATA	Total - All Persons (In Thousands)			Net Change Over --	
	Current Month	One Month Ago	One Year Ago	One Month	One Year
TOTAL CIVILIAN LABOR FORCE	5,448.0	5,423.0	5,380.0	25.0	68.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	598.0	642.0	462.0	-44.0	136.0
% CIVILIAN LABOR FORCE	11.0	11.8	8.6	-0.8	2.4
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	566.0	610.0	431.0	-44.0	135.0
% CIVILIAN LABOR FORCE	10.3	11.2	7.9	-0.9	2.4
TOTAL EMPLOYMENT	4,850.0	4,781.0	4,918.0	69.0	-68.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATE	Total - All Jobs (Thousands)			Net Change Over --	
	Current Month	One Month Ago	One Year Ago	One Month	One Year
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,573.4	4,583.0	4,666.5	-9.6	-93.1
LABOR-MANAGEMENT DISPUTES	0.5	5.8	4.3	-5.3	-3.8
ALL MANUFACTURING INDUSTRIES	1,228.8	1,241.4	1,292.2	-12.6	-63.4
TOTAL NONMANUFACTURING INDUSTRIES	3,344.1	3,335.8	3,370.0	8.3	-25.9
Mining	46.7	47.2	46.6	-0.5	0.1
Anthracite	3.6	3.6	3.5	0.0	0.1
Bituminous	34.5	35.1	34.7	-0.6	-0.2
Nonmetallic minerals	2.9	2.9	3.6	0.0	-0.7
Contract Construction	148.4	153.5	154.7	-5.1	-6.3
General building	39.8	42.9	41.7	-3.1	-1.9
Heavy construction	26.9	27.3	30.1	-0.4	-3.2
Special trades	81.7	83.3	82.9	-1.6	-1.2
Transportation	143.9	143.8	155.7	0.1	-11.8
Railroads	33.7	33.7	38.3	0.0	-4.6
Public Utilities	103.5	103.5	102.4	0.0	1.1
Communications	55.0	55.1	55.1	-0.1	-0.1
Electric, gas & sanitary service	48.5	48.4	47.3	0.1	1.2
Electric systems	24.4	24.3	24.0	0.1	0.4
Gas production	9.0	9.0	8.3	0.0	0.7
Wholesale trade	239.0	241.3	242.4	-2.3	-3.4
Retail trade	720.6	723.5	720.6	-2.9	0.0
General merchandise stores	116.4	120.8	115.5	-4.4	0.9
Department stores	103.2	107.2	102.3	-4.0	0.9
Finance, insurance & real estate	239.0	239.4	237.6	-0.4	1.4
Banking	80.3	80.7	79.5	-0.4	0.8
Commercial & stock savings	73.9	74.3	73.1	-0.4	0.8
Credit agencies & securities	31.3	31.3	31.3	0.0	0.0
Insurance	70.5	70.3	70.1	0.2	0.4
Life insurance	27.3	27.0	26.7	0.3	0.6
Fire, marine & casualty	29.0	29.1	29.2	-0.1	-0.2
Services	1,002.0	992.5	979.6	9.5	22.4
Business services	132.8	129.9	130.8	2.9	2.0
Health services	341.3	341.4	327.8	-0.1	13.5
Nursing & personal care	53.7	54.0	52.1	-0.3	1.6
Hospitals	210.3	209.7	200.0	0.6	10.3
Educational service	132.6	126.5	132.8	6.1	-0.2
Miscellaneous services	48.1	48.1	47.1	0.0	1.0
Engineering & architectural	30.3	30.4	29.4	-0.1	0.9
Government	701.0	691.1	730.4	9.9	-29.4
Federal	134.8	134.4	132.0	0.4	2.8
State & local	566.2	556.7	598.4	9.5	-32.2

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Non-Manufacturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.2	3,854.3	1,314.9	3,223.3	48.0	183.9	938.9	221.7	717.2
1978	4,719.6	3,995.6	1,367.8	3,351.7	46.8	200.1	983.7	230.8	752.9
1979	4,806.1	4,085.4	1,386.8	3,419.3	51.7	204.2	992.5	239.4	753.1
1980	4,753.1	4,029.8	1,328.2	3,424.9	49.0	190.1	988.3	244.3	744.0
1981	4,724.2	4,018.8	1,299.8	3,424.4	45.2	182.5	986.1	244.6	741.5
1981 Feb.	4,662.2	3,931.8	1,292.2	3,370.0	46.6	154.7	963.0	242.4	720.6
Mar.	4,693.4	3,960.5	1,294.4	3,399.0	46.9	162.9	969.0	243.0	726.0
Apr.	4,731.5	4,002.9	1,304.8	3,426.7	* 28.2	178.2	983.7	245.1	738.6
May	4,754.5	4,023.9	1,307.7	3,446.8	* 26.9	186.8	991.3	245.3	746.0
Jun.	4,802.3	4,075.7	1,320.7	3,481.6	48.5	194.6	994.3	247.6	746.7
Jul.	4,749.7	4,055.3	1,310.6	3,439.1	49.5	198.2	985.7	245.9	739.8
Aug.	4,749.1	4,061.7	1,317.7	3,431.4	49.7	198.6	983.2	246.1	737.1
Sep.	4,720.4	4,071.9	1,318.6	3,401.8	50.4	198.2	984.8	244.8	740.0
Oct.	4,733.8	4,065.7	1,295.6	3,438.2	50.0	195.6	997.2	245.4	751.8
Nov.	4,735.5	4,035.2	1,276.6	3,458.9	50.2	189.1	1,001.6	243.6	758.0
Dec.	4,703.8	4,003.6	1,263.6	3,440.2	48.4	176.7	1,007.3	243.4	763.9
1982 Jan.	4,577.2	3,886.1	1,241.4	3,335.8	47.2	153.5	964.8	241.3	723.5
Feb.	4,572.9	3,871.9	1,228.8	3,344.1	46.7	148.4	959.6	239.0	720.6

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.9	137.6	514.4
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.7	136.4	522.4
1974	161.1	104.4	207.3	773.6	154.9	618.7	682.0	136.6	545.4
1975	154.0	102.5	207.3	798.5	159.8	638.7	721.4	134.4	587.0
1976	155.4	101.1	211.4	839.7	165.5	674.2	722.1	131.7	590.4
1977	160.9	100.7	217.5	862.5	171.1	691.4	710.9	128.1	582.8
1978	165.7	100.9	226.6	903.9	177.9	726.0	724.1	129.5	594.5
1979	170.7	101.7	233.7	944.1	185.3	758.8	720.7	130.8	589.9
1980	161.9	101.4	236.8	974.1	194.4	779.7	723.3	134.9	588.4
1981	154.4	103.9	240.6	1,006.2	204.7	801.5	705.4	133.9	571.5
1981 Feb.	155.7	102.4	237.6	979.6	200.0	779.6	730.4	132.0	598.4
Mar.	156.5	103.0	238.4	989.4	201.1	788.3	732.9	132.4	600.5
Apr.	158.0	103.1	239.8	1,007.1	201.4	805.7	728.6	132.7	595.9
May	157.9	103.4	241.1	1,008.8	202.4	806.4	730.6	133.1	597.5
Jun.	157.0	104.7	243.6	1,012.3	205.7	806.6	726.6	135.0	591.6
Jul.	148.4	105.3	244.3	1,013.3	206.2	807.1	694.4	136.4	558.0
Aug.	148.6	105.5	243.4	1,015.0	206.8	808.2	687.4	135.5	551.9
Sep.	156.4	104.2	241.4	1,017.9	206.9	811.0	648.5	132.8	515.7
Oct.	156.3	104.2	240.0	1,026.8	208.5	818.3	668.1	134.4	533.7
Nov.	152.9	104.3	240.2	1,020.3	208.8	811.5	700.3	135.1	565.2
Dec.	150.4	104.0	239.6	1,013.6	209.3	804.3	700.2	134.9	565.3
1982 Jan.	143.8	103.5	239.4	992.5	209.7	782.8	691.1	134.4	556.7
Feb.	143.9	103.5	239.0	1,002.0	210.3	791.7	701.0	134.8	566.2

TABLE 4. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.9	809.7	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,367.8	827.6	21.9	20.1	63.7	199.2	112.6	137.8
1979	1,386.8	853.9	23.0	20.2	64.7	204.1	118.0	142.0
1980	1,328.2	814.7	20.6	18.8	59.0	190.2	112.8	144.2
1981	1,299.8	790.6	19.7	18.7	56.8	184.0	109.0	142.9
1981 Feb.	1,292.2	791.9	18.8	18.1	54.6	187.3	108.7	143.0
Mar.	1,294.4	790.4	19.5	18.0	55.3	186.2	108.6	142.6
Apr.	1,304.8	795.9	20.0	18.8	56.9	186.7	109.5	142.9
May	1,307.7	798.5	20.4	18.9	57.6	186.4	109.9	143.2
Jun.	1,320.7	805.0	20.7	18.9	58.5	187.7	110.7	144.3
Jul.	1,310.6	798.6	20.8	18.4	58.0	187.8	109.5	143.1
Aug.	1,317.7	799.8	20.8	19.2	58.6	185.9	110.6	143.2
Sep.	1,318.6	800.8	20.3	19.5	57.8	184.4	111.1	143.2
Oct.	1,295.6	782.7	19.1	19.1	57.1	178.0	108.4	142.5
Nov.	1,276.6	768.6	18.6	18.7	56.2	175.0	107.2	142.0
Dec.	1,263.6	760.0	17.7	18.3	54.8	174.2	104.9	142.3
1982 Jan.	1,241.4	742.7	17.7	17.7	52.9	169.8	104.1	140.6
Feb.	1,228.8	731.0	17.6	17.7	51.5	165.2	102.5	138.8

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.7	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.3	540.3	99.7	4.0	50.1
1979	126.4	87.3	42.9	25.3	532.9	99.3	3.6	47.1
1980	122.5	81.5	41.8	23.4	513.5	96.6	3.3	43.9
1981	117.9	77.9	41.1	22.8	509.2	95.2	3.1	43.2
1981 Feb.	* 117.4	80.6	41.0	22.4	500.3	94.0	3.2	42.4
Mar.	116.9	80.0	40.7	22.6	504.0	93.8	3.1	42.2
Apr.	117.7	79.4	40.9	23.1	508.9	94.1	3.1	43.6
May	118.0	79.8	41.5	22.8	509.2	93.4	3.1	43.2
Jun.	119.2	79.7	41.8	23.5	515.7	94.7	3.1	44.1
Jul.	117.5	78.8	41.3	23.4	512.0	96.2	2.9	43.9
Aug.	118.6	78.7	41.3	22.9	517.9	97.4	3.1	43.9
Sep.	119.6	80.1	41.4	23.4	517.8	96.9	3.2	44.3
Oct.	119.0	75.9	40.9	22.7	512.9	97.0	3.1	43.2
Nov.	116.7	71.2	40.8	22.2	508.0	96.1	3.1	42.8
Dec.	115.9	69.3	40.4	22.2	503.6	95.2	3.0	42.2
1982 Jan.	112.7	65.7	40.3	21.2	498.7	93.0	3.0	41.3
Feb.	111.2	66.3	39.2	21.0	497.8	93.4	2.9	40.9

TABLE 4. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(concl.)

Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	134.6	61.0	44.4	71.3	59.9	17.3	39.9	19.3
1979	128.6	59.9	44.6	72.2	61.0	17.3	41.8	17.3
1980	124.1	56.6	42.4	72.6	60.8	16.7	37.1	16.0
1981	123.7	57.0	41.8	73.5	60.0	16.8	35.7	16.1
1981 Feb.	120.3	55.0	* 40.7	72.6	59.7	16.2	35.5	15.7
Mar.	122.3	56.6	41.5	73.0	60.2	16.5	35.6	15.8
Apr.	124.5	57.8	41.5	73.4	60.1	16.8	35.8	16.0
May	124.6	57.6	41.6	73.4	60.1	17.1	36.0	16.7
Jun.	125.5	57.7	42.6	73.8	60.7	17.6	36.6	17.0
Jul.	122.0	56.5	42.4	73.7	60.6	17.7	36.1	16.5
Aug.	126.5	58.2	42.9	73.5	60.4	17.6	36.1	16.5
Sep.	128.1	59.4	42.6	73.5	59.9	17.1	35.8	16.4
Oct.	126.7	58.6	41.7	73.8	59.8	16.5	35.2	15.9
Nov.	124.0	57.2	41.2	74.6	59.8	16.3	34.6	15.5
Dec.	122.0	55.2	41.1	74.5	59.2	16.1	34.8	15.5
1982 Jan.	122.2	56.3	40.4	74.8	59.0	15.8	34.2	15.0
Feb.	123.9	58.1	40.4	73.3	59.0	15.7	33.8	14.5

TABLE 5. SELECTED PENNSYLVANIA INDICES
(Not Adjusted)

1977 = 100

Industry Group	1982		1981	ANNUAL AVERAGE	
	Feb.	Jan.	Feb.	1981	1980
EMPLOYMENT					
All Manufacturing	91.6	92.5	96.2	96.9	99.0
Primary Metals	82.8	85.1	93.8	92.2	95.3
Apparel	92.5	91.2	89.7	92.3	92.6
All Nonmanufacturing	103.7	103.5	104.5	106.2	106.2
Construction	80.7	83.5	84.1	99.2	103.4
Retail Trade	100.5	100.9	100.4	103.4	103.7
Services	116.2	115.1	113.5	116.7	112.9
Government	98.6	97.2	102.7	99.2	101.7

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1975	$193.22	38.8	$4.98	$217.60	40.0	$5.44	$159.22	37.2	$4.28	$253.37	39.1	$ 6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1980	294.49	38.8	7.59	332.64	39.6	8.40	236.50	37.6	6.29	399.81	37.4	10.69
1981	325.36	39.2	8.30	370.64	40.2	9.22	259.31	37.8	6.86	450.85	38.6	11.68
1981 Feb.	317.91	39.2	8.11	362.30	40.3	8.99	251.92	37.6	6.70	445.77	39.0	11.43
Mar.	320.72	39.4	8.14	365.72	40.5	9.03	254.02	37.8	6.72	447.74	38.9	11.51
Apr.	323.05	39.3	8.22	368.96	40.5	9.11	254.32	37.4	6.80	467.57	40.1	11.66
May	324.26	39.4	8.23	367.54	40.3	9.12	260.60	38.1	6.84	444.27	38.2	11.63
Jun.	325.05	39.4	8.25	369.15	40.3	9.16	259.92	38.0	6.84	442.36	38.2	11.58
Jul.	323.31	39.0	8.29	366.16	39.8	9.20	261.82	38.0	6.89	440.04	38.0	11.58
Aug.	329.78	39.4	8.37	375.47	40.2	9.34	262.82	38.2	6.88	463.24	38.7	11.97
Sep.	331.63	39.2	8.46	378.95	40.1	9.45	262.33	37.8	6.94	477.97	39.6	12.07
Oct.	328.44	39.1	8.40	374.80	40.0	9.37	263.41	37.9	6.95	445.36	38.0	11.72
Nov.	332.87	39.3	8.47	380.43	40.3	9.44	265.58	37.9	7.01	453.09	38.3	11.83
Dec.	332.67	39.0	8.53	379.85	39.9	9.52	266.87	37.8	7.06	448.31	37.8	11.86
1982 Jan.	326.52	38.1	8.57	372.62	39.1	9.53	263.12	36.8	7.15	451.39	37.9	11.91
Feb.	331.[illegible]5	38.8	8.54	378.18	39.6	9.55	267.34	37.6	7.11	447.44	37.6	11.90

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1975	$208.17	40.5	$5.14	$222.14	41.6	$5.34	$191.84	39.8	$4.82	$234.61	39.9	$ 5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1980	309.57	40.1	7.72	338.60	41.7	8.12	287.68	39.9	7.21	356.40	39.6	9.00
1981	341.30	40.2	8.49	369.35	41.5	8.90	319.93	40.6	7.88	396.61	39.9	9.94
1981 Feb.	332.49	40.4	8.23	360.71	41.7	8.65	312.89	40.9	7.65	374.53	39.3	9.53
Mar.	336.57	40.6	8.29	360.76	41.9	8.61	320.12	41.2	7.77	383.36	40.1	9.56
Apr.	334.06	40.2	8.31	357.11	41.0	8.71	315.43	40.7	7.75	380.56	39.6	9.61
May	339.73	40.3	8.43	365.62	41.5	8.81	316.61	40.8	7.76	387.03	39.9	9.70
Jun.	347.58	40.7	8.54	369.09	41.8	8.83	317.05	40.7	7.79	394.76	40.2	9.82
Jul.	335.47	39.7	8.45	367.63	41.4	8.88	312.80	40.0	7.82	401.98	39.8	10.10
Aug.	343.14	39.9	8.60	374.88	41.7	8.99	321.18	40.4	7.95	402.19	39.9	10.08
Sep.	342.86	39.5	8.68	375.91	41.4	9.08	317.60	39.8	7.98	400.07	39.3	10.18
Oct.	345.14	39.9	8.65	380.22	41.6	9.14	330.39	40.8	8.11	416.64	40.1	10.39
Nov.	351.88	40.4	8.71	385.40	41.8	9.22	334.14	41.1	8.13	427.58	40.8	10.48
Dec.	359.31	40.6	8.85	383.16	41.2	9.30	333.33	40.6	8.21	423.39	40.4	10.48
1982 Jan.	347.60	39.1	8.89	375.72	40.4	9.30	330.77	39.9	8.29	403.90	39.1	10.33
Feb.	354.02	39.6	8.94	380.78	40.9	9.31	336.60	40.8	8.25	429.55	40.6	10.58

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1975	$187.80	40.3	$4.66	$132.42	37.3	$3.55	$109.20	32.5	$3.36	$204.58	37.4	$5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.28	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1980	274.33	39.7	6.91	192.89	38.5	5.01	153.12	32.1	4.77	284.56	37.1	7.67
1981	305.07	40.3	7.57	207.10	38.0	5.45	169.25	32.8	5.16	318.40	38.5	8.27
1981 Feb.	298.96	40.4	7.40	205.35	38.6	5.32	160.64	32.0	5.02	305.37	37.7	8.10
Mar.	298.28	40.2	7.42	205.21	38.5	5.33	166.62	32.8	5.08	306.94	37.8	8.12
Apr.	297.04	39.5	7.52	207.13	38.5	5.38	163.89	31.7	5.17	311.76	38.3	8.14
May	311.54	41.1	7.58	210.92	38.7	5.45	167.83	32.4	5.18	312.19	38.4	8.13
Jun.	308.97	40.6	7.61	209.75	38.7	5.42	168.54	32.6	5.17	317.34	38.7	8.20
Jul.	310.49	40.8	7.61	202.50	37.5	5.40	170.98	33.2	5.15	316.74	38.3	8.27
Aug.	307.89	40.3	7.64	209.59	37.9	5.53	175.10	34.0	5.15	321.98	38.7	8.32
Sep.	303.73	39.6	7.67	209.61	37.7	5.56	173.53	33.5	5.18	325.47	38.7	8.41
Oct.	320.48	39.8	7.60	208.50	37.5	5.56	176.77	33.8	5.23	329.87	38.9	8.48
Nov.	309.50	40.3	7.68	210.00	37.5	5.60	172.78	33.1	5.22	330.33	39.0	8.47
Dec.	313.16	40.2	7.79	206.83	37.0	5.59	171.68	32.7	5.25	335.02	39.6	8.46
1982 Jan.	309.64	38.9	7.96	201.47	35.1	5.74	168.54	31.8	5.30	325.25	38.4	8.47
Feb.	309.68	39.4	7.86	207.64	36.3	5.72	176.88	33.5	5.28	331.04	38.9	8.51

TABLE 7. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

Current Month is February 1982

		ALL EMPLOYES			NET CHANGE		PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
							GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
SIC	INDUSTRY TITLE	CURRENT MONTH	MONTH AGO	YEAR AGO	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO
	TOTAL MANUFACTURING INDUSTRIES	1228.8	1241.4	1292.2	-12.6	-63.4	$331.35	$326.52	$317.91	38.8	38.1	39.2	$ 8.54	$ 8.57	$ 8.11
	TOTAL DURABLE GOODS	731.0	742.7	791.9	-11.7	-60.9	378.18	372.62	362.30	39.6	39.1	40.3	9.55	9.53	8.99
24	Lumber & wood products	17.6	17.7	18.8	-0.1	-1.2	255.45	242.68	242.40	37.9	35.9	40.0	6.74	6.76	6.06
243	Millwork, plywood & structural	6.2	6.2	6.1	0.0	0.1	269.74	267.84	263.30	38.7	38.1	41.4	6.97	7.03	6.36
	Other lumber & wood prod.	11.4	11.5	12.7	-0.1	-1.3	248.25	229.02	232.85	37.5	34.7	39.4	6.62	6.60	5.91
25	Furniture & fixtures	17.7	17.7	18.1	0.0	-0.4	264.70	256.50	259.50	37.6	36.8	39.2	7.04	6.97	6.62
251	Household furniture	8.4	8.5	8.6	-0.1	-0.2	232.31	231.31	230.06	36.7	36.6	38.6	6.33	6.32	5.96
252	Office furniture	4.3	4.2	4.4	0.1	-0.1	297.54	283.49	279.03	38.0	37.4	39.3	7.83	7.58	7.10
	Other furniture & fixtures	5.0	5.0	5.1	0.0	-0.1	295.25	281.15	296.61	38.9	36.8	40.3	7.59	7.64	7.36
32	Stone, clay & glass products	51.5	52.9	54.6	-1.4	-3.1	359.57	348.53	339.78	41.0	40.2	42.0	8.77	8.67	8.09
322	Glass & glassware, pressed or blown	14.0	14.2	15.1	-0.2	-1.1	362.85	347.44	328.72	41.0	40.4	41.4	8.85	8.60	7.94
3221	Glass containers	6.7	6.9	7.6	-0.2	-0.9	372.88	363.72	350.28	39.5	38.9	41.7	9.44	9.35	8.40
3229	Other pressed or blown glass	7.3	7.3	7.5	0.0	-0.2	353.63	333.11	307.43	42.3	41.9	41.1	8.36	7.95	7.48
324	Hydraulic cement	1.8	1.8	2.0	0.0	-0.2	539.00	496.69	481.86	44.0	42.2	43.1	12.25	11.77	11.18
325	Structural clay products	4.9	5.2	5.0	-0.3	-0.1	291.08	284.93	279.30	38.0	37.1	39.9	7.66	7.68	7.00
326	Pottery & related products	3.9	4.3	4.8	-0.4	-0.9	328.38	334.59	307.19	42.1	42.3	41.4	7.80	7.91	7.42
327	Concrete, gypsum & plaster prod.	6.3	6.6	6.2	-0.3	0.1	327.10	315.91	304.97	39.6	38.2	39.3	8.26	8.27	7.76
	Other stone, clay & glass prod.	20.6	20.8	21.5	-0.2	-0.9	376.68	369.74	375.70	41.9	40.9	44.2	8.99	9.04	8.50
33	Primary metal industries	165.2	169.8	187.3	-4.6	-22.1	447.44	451.39	445.77	37.6	37.9	39.0	11.90	11.91	11.43
331	Blast furnace & basic steel prod.	121.3	125.0	139.5	-3.7	-18.2	483.78	491.78	481.34	37.1	37.8	38.6	13.04	13.01	12.47
3312	Blast furnaces & steel mills	110.5	113.8	128.2	-3.3	-17.7	493.21	499.70	488.33	37.0	37.6	38.3	13.33	13.29	12.75
	Other basic steel products	10.8	11.2	11.3	-0.4	-0.5	398.59	414.49	401.86	38.4	39.4	41.6	10.38	10.52	9.66
332	Iron & steel foundries	15.7	16.5	19.0	-0.8	-3.3	339.09	338.83	326.70	38.1	38.2	38.3	8.90	8.87	8.53
3321	Gray iron foundries	6.7	7.1	7.9	-0.4	-1.2	334.84	330.89	312.17	38.8	38.7	36.9	8.63	8.55	8.46
3325	Steel foundries, n.e.c.	5.5	5.7	6.7	-0.2	-1.2	348.35	346.09	343.80	37.7	37.7	40.4	9.24	9.18	8.51
3322,4	Malleable iron & steel invest.	3.5	3.7	4.4	-0.2	-0.9	334.73	342.47	330.71	37.4	37.8	38.1	8.95	9.06	8.68
335	Nonferrous rolling & drawing	13.8	13.9	13.8	-0.1	0.0	358.40	345.93	363.38	40.0	39.0	42.6	8.96	8.87	8.53
336	Nonferrous foundries	7.1	7.1	6.8	0.0	0.3	331.63	326.33	305.69	40.1	39.7	38.5	8.27	8.22	7.94
	Other primary metal products	7.3	7.3	8.2	0.0	-0.9	346.60	316.48	345.53	38.9	35.4	42.5	8.91	8.94	8.13
34	Fabricated metal products	102.5	104.1	108.7	-1.6	-6.2	354.02	347.60	332.49	39.6	39.1	40.4	8.94	8.89	8.23
341	Metal cans & shipping containers	3.7	3.6	3.9	0.1	-0.2	427.04	431.99	395.75	41.5	41.9	42.6	10.29	10.31	9.29
342	Cutlery, hand tools & hardware	5.5	5.8	6.3	-0.3	-0.8	264.08	260.57	255.20	37.3	36.7	40.0	7.08	7.10	6.38
343	Plumbing & heating exc. electrical	3.5	3.6	3.6	-0.1	-0.1	304.81	305.31	295.93	37.4	37.6	39.3	8.15	8.12	7.53
344	Fabricated structural metal prod.	31.2	32.5	34.3	-1.3	-3.1	339.31	326.78	321.20	39.5	38.4	40.0	8.59	8.51	8.03
3441	Fabricated structural metal	6.9	7.0	8.9	-0.1	-2.0	388.45	366.34	320.59	39.8	38.2	35.7	9.76	9.59	8.98
3443	Fabricated plate work (boiler shops)	10.1	10.5	10.5	-0.4	-0.4	340.08	329.00	336.00	39.0	37.6	42.0	8.72	8.75	8.00
	Other fabricated struct. metal prod.	14.2	15.0	14.9	-0.8	-0.7	313.23	305.76	310.65	39.7	39.1	41.2	7.89	7.82	7.54
345	Screw machine products, bolts, etc.	8.4	8.5	9.1	-0.1	-0.7	337.83	330.48	311.40	41.3	40.6	41.3	8.18	8.14	7.54
346	Metal forgings & stampings	19.3	19.2	19.3	0.1	0.0	438.87	441.29	405.33	40.3	40.3	39.2	10.89	10.95	10.34
3462	Iron & steel forgings	5.5	5.6	5.9	-0.1	-0.4	382.00	391.79	348.69	39.3	40.6	38.7	9.72	9.65	9.01
	Other metal forgings & stampings	13.8	13.6	13.4	0.2	0.4	457.97	458.68	427.88	40.6	40.2	39.4	11.28	11.41	10.86
347,8	Metal services & ordnance, n.e.c.	8.3	8.3	8.0	0.0	0.3	319.18	309.67	299.88	40.3	39.6	40.8	7.92	7.82	7.35
349	Misc. fabricated metal products	22.6	22.6	24.2	0.0	-1.6	330.89	325.78	321.63	38.7	38.6	41.5	8.55	8.44	7.75
3494	Valves & pipe fittings	8.9	9.0	9.9	-0.1	-1.0	355.02	340.76	341.06	39.8	38.9	42.9	8.92	8.76	7.95
	Other misc. fabricated metal prod.	13.7	13.6	14.3	0.1	-0.6	317.37	316.80	309.78	38.1	38.4	40.6	8.33	8.25	7.63

TABLE 7. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(cont.)

(Employment in Thousands)

Current Month is February 1982

SIC	INDUSTRY TITLE	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
					NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
		CURRENT MONTH	MONTH AGO	YEAR AGO	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO
35	Machinery, exc. electrical	138.8	140.6	143.0	-1.8	-4.2	$380.78	$375.72	$360.71	40.9	40.4	41.7	$ 9.31	$ 9.30	$ 8.65
351	Engines & turbines	10.1	10.4	9.9	-0.3	0.2	434.10	442.44	406.50	41.7	41.7	42.3	10.41	10.61	9.61
352	Farm & garden machinery	3.9	4.2	4.6	-0.3	-0.7	395.85	382.79	355.56	40.6	39.1	41.2	9.75	9.79	8.63
353	Construction & related mach.	25.8	26.0	25.9	-0.2	-0.1	414.26	400.25	384.02	42.1	40.8	42.2	9.84	9.81	9.10
3531	Construction machinery	8.4	8.5	8.3	-0.1	0.1	427.92	421.78	403.24	40.6	40.4	41.7	10.54	10.44	9.67
3535	Conveyors & conveying equip.	3.7	3.7	3.9	0.0	-0.2	319.58	296.43	278.58	38.0	35.5	35.9	8.41	8.35	7.76
	Other construction & related mach.	13.7	13.8	13.7	-0.1	0.0	421.44	403.62	390.68	43.9	42.0	43.7	9.60	9.61	8.94
354	Metal working machinery	20.5	20.8	22.5	-0.3	-2.0	372.23	377.60	367.43	39.1	40.0	40.6	9.52	9.44	9.05
355	Special industry machinery	13.6	13.9	13.8	-0.3	-0.2	358.90	355.45	320.79	40.6	40.3	39.8	8.84	8.82	8.06
356	General industrial machinery	27.2	27.2	28.1	0.0	-0.9	365.89	367.43	359.12	40.7	40.6	42.6	8.99	9.05	8.43
3561	Pumps & pumping equipment	4.2	4.2	4.1	0.0	0.1	366.54	358.16	367.21	41.7	40.7	43.1	8.79	8.80	8.52
3562	Ball & roller bearings	4.2	4.1	3.9	0.1	0.3	343.00	352.42	340.89	37.9	38.6	39.5	9.05	9.13	8.63
3563	Air & gas compressors	5.0	5.1	5.1	-0.1	-0.1	378.73	361.92	400.09	40.9	39.0	46.2	9.26	9.28	8.66
3567	Industrial furnaces & ovens	3.3	3.3	3.8	0.0	-0.5	350.58	358.15	336.76	37.9	37.7	39.9	9.25	9.50	8.44
	Other general industrial mach.	10.5	10.5	11.2	0.0	-0.7	375.24	383.62	353.96	42.4	43.2	42.8	8.85	8.88	8.27
357	Office and computing machines	13.2	13.3	13.1	-0.1	0.1	442.85	436.48	404.35	42.5	42.5	41.6	10.42	10.27	9.72
358	Refrigeration & service ind. mach.	10.5	10.7	11.1	-0.2	-0.6	316.57	302.11	300.40	37.2	35.5	40.0	8.51	8.51	7.51
359	Misc. machinery, exc. electrical	14.0	14.1	14.0	-0.1	0.0	350.22	340.72	343.01	42.4	41.5	43.2	8.26	8.21	7.94
36	Electric & electronic equipment	111.2	112.7	117.4	-1.5	-6.2	336.60	330.77	312.89	40.8	39.9	40.9	8.25	8.29	7.65
361	Electric distributing equip.	17.0	17.5	18.3	-0.5	-1.3	416.64	406.19	402.86	43.4	42.4	43.6	9.60	9.58	9.24
3612	Transformers	5.6	5.8	5.9	-0.2	-0.3	414.37	398.18	393.82	44.7	43.0	42.9	9.27	9.26	9.18
3613	Switchgear & switchboard apparatus	11.4	11.7	12.4	-0.3	-1.0	420.97	410.48	406.95	43.0	42.1	43.9	9.79	9.75	9.27
362	Electrical industrial apparatus	19.6	19.6	21.5	0.0	-1.9	325.62	320.78	292.73	40.4	39.7	40.6	8.06	8.08	7.21
363	Household appliances	2.6	3.1	4.1	-0.5	-1.5	254.37	306.94	289.89	38.6	39.2	38.6	6.59	7.83	7.51
364	Electric lighting & wiring equip.	20.5	20.3	20.5	0.2	0.0	323.33	310.82	287.82	41.4	39.9	41.0	7.81	7.79	7.02
3643	Current-carrying wiring devices	11.5	11.4	11.0	0.1	0.5	307.84	301.15	281.18	41.1	40.1	40.4	7.49	7.51	6.96
	Other electric light & wiring equip.	9.0	8.9	9.5	0.1	-0.5	336.94	319.59	292.70	41.7	39.7	41.4	8.08	8.05	7.07
366	Communication equipment	9.6	9.7	9.8	-0.1	-0.2	332.48	325.31	326.83	42.3	41.6	40.2	7.86	7.82	8.13
367	Electronic components & accessories	31.5	31.8	33.1	-0.3	-1.6	334.46	335.56	308.10	40.2	39.9	41.3	8.32	8.41	7.46
3674	Semiconductors & related devices	11.2	11.3	11.3	-0.1	-0.1	439.50	447.10	403.12	42.3	42.5	43.3	10.39	10.52	9.31
	Other electronic components & access.	20.3	20.5	21.8	-0.2	-1.5	279.89	277.20	261.55	39.2	38.5	40.3	7.14	7.20	6.49
	Other electrical equip. & supplies	10.4	10.7	10.1	-0.3	0.3	281.60	260.95	262.04	37.2	35.6	36.7	7.57	7.33	7.14
37	Transportation equipment	66.3	65.7	80.6	0.6	-14.3	429.55	403.90	374.53	40.6	39.1	39.3	10.58	10.33	9.53
371	Motor vehicles & equipment	24.8	24.7	27.0	0.1	-2.2	463.97	441.40	381.38	41.5	40.2	38.1	11.18	10.98	10.01
3714	Motor vehicle parts & access.	9.5	9.5	10.3	0.0	-0.8	480.48	452.81	432.73	44.0	42.2	42.3	10.92	10.73	10.23
	Other motor vehicles & equip.	15.3	15.2	16.7	0.1	-1.4	451.44	433.44	340.06	39.6	38.7	34.7	11.40	11.20	9.80
372	Aircraft & parts	11.0	11.1	13.5	-0.1	-2.5	454.95	427.97	386.05	41.7	39.7	41.6	10.91	10.78	9.28
373	Ship & boat building & repairing	4.2	4.6	7.5	-0.4	-3.3	391.79	348.50	381.91	38.6	34.2	39.7	10.15	10.19	9.62
374	Railroad equipment	12.4	11.5	19.3	0.9	-6.9	406.51	383.30	393.90	38.9	38.6	39.0	10.45	9.93	10.10
	Other transportation equipment	13.9	13.8	13.3	0.1	0.6	343.73	319.66	298.34	39.6	38.1	40.1	8.68	8.39	7.44
38	Instruments & related products	39.2	40.3	41.0	-1.1	-1.8	328.05	314.01	300.51	40.5	39.3	40.5	8.10	7.99	7.42
382	Measuring & controlling devices	20.5	21.3	21.7	-0.8	-1.2	363.36	341.38	318.98	42.3	40.4	41.0	8.59	8.45	7.78
384	Medical instruments & supplies	10.7	10.8	11.2	-0.1	-0.5	294.53	283.49	300.35	38.5	37.4	41.6	7.65	7.58	7.22
	Other instruments & related prod.	8.0	8.2	8.1	-0.2	-0.1	285.96	283.67	254.31	38.8	38.7	37.9	7.37	7.33	6.71
39	Miscellaneous manufacturing industries	21.0	21.2	22.4	-0.2	-1.4	305.12	302.00	300.66	40.2	40.0	41.3	7.59	7.55	7.28

TABLE 7. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL (cont.)

(Employment in Thousands)

Current Month is February 1982

SIC	INDUSTRY TITLE	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
					NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
		CURRENT MONTH	MONTH AGO	YEAR AGO	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO
	TOTAL NONDURABLE GOODS	497.8	498.7	500.3	-0.9	-2.5	$267.34	$263.12	$251.92	37.6	36.8	37.6	$ 7.11	$ 7.15	$ 6.70
20	Food & kindred products	93.4	93.0	94.0	0.4	-0.6	309.68	309.64	298.96	39.4	38.9	40.4	7.86	7.96	7.40
201	Meat products	14.9	14.7	15.3	0.2	-0.4	291.82	295.24	293.09	37.8	37.9	39.5	7.72	7.79	7.42
2011	Meat packing plants	4.8	4.8	4.7	0.0	0.1	338.23	353.60	342.00	40.8	41.6	40.0	8.29	8.50	8.55
2013	Sausages & other prepared meats	5.2	4.9	5.5	0.3	-0.3	355.74	363.08	328.97	38.5	38.3	37.9	9.24	9.48	8.68
2016,7	Poultry dressing & processing	4.9	5.0	5.1	-0.1	-0.2	192.30	186.66	218.43	34.4	34.0	40.6	5.59	5.49	5.38
202	Dairy products	10.5	10.6	11.0	-0.1	-0.5	302.91	303.05	297.56	41.1	41.4	43.0	7.37	7.32	6.92
2026	Fluid milk	5.6	5.7	6.0	-0.1	-0.4	332.80	339.75	329.47	41.6	42.1	42.9	8.00	8.07	7.68
	Other dairy products	4.9	4.9	5.0	0.0	-0.1	281.52	276.08	276.27	40.8	40.9	43.1	6.90	6.75	6.41
203	Preserved fruits & vegetables	11.5	11.0	11.8	0.5	-0.3	301.99	293.44	269.75	40.7	39.6	38.1	7.42	7.41	7.08
2033	Canned fruits & vegetables	4.2	3.8	4.5	0.4	-0.3	221.57	214.07	202.22	38.4	36.1	36.7	5.77	5.93	5.51
	Other preserved fruits & vegetables	7.3	7.2	7.3	0.1	0.0	352.80	339.46	313.95	42.1	41.6	39.0	8.38	8.16	8.05
204	Grain mill products	5.4	5.5	5.0	-0.1	0.4	328.60	348.94	312.16	39.4	41.1	41.9	8.34	8.49	7.45
205	Bakery products	18.2	18.1	17.4	0.1	0.8	297.11	290.18	297.36	37.8	36.5	41.3	7.86	7.95	7.20
2051	Bread, cake & related prod.	13.6	13.5	13.1	0.1	0.5	292.06	290.35	285.02	37.3	36.8	40.2	7.83	7.89	7.09
2052	Cookies & crackers	4.6	4.6	4.3	0.0	0.3	308.07	289.71	325.74	38.8	35.9	43.9	7.94	8.07	7.42
206	Sugar & confectionery prod.	15.2	15.5	15.8	-0.3	-0.6	334.40	343.47	317.98	40.0	39.8	40.2	8.36	8.63	7.91
2065	Confectionery prod.	6.9	7.1	7.2	-0.2	-0.3	284.26	273.02	250.70	39.1	37.4	38.1	7.27	7.30	6.58
2066	Chocolate & cocoa prod.	6.3	6.3	6.0	0.0	0.3	376.57	382.81	343.99	41.2	41.7	41.0	9.14	9.18	8.39
	Other sugar prod.	2.0	2.1	2.6	-0.1	-0.6	420.55	531.04	476.55	39.9	44.7	45.0	10.54	11.88	10.59
208	Beverages	9.1	9.2	8.9	-0.1	0.2	392.93	386.97	361.80	40.3	40.1	40.2	9.75	9.65	9.00
	Other food & kindred products	8.6	8.4	8.8	0.2	-0.2	260.90	246.62	258.96	40.2	38.0	41.5	6.49	6.49	6.24
21	Tobacco manufacturers	2.9	3.0	3.2	-0.1	-0.3	195.32	200.21	177.84	38.0	38.8	38.0	5.14	5.16	4.68
22	Textile mill products	40.9	41.3	42.4	-0.4	-1.	207.64	201.47	205.35	36.3	35.1	38.6	5.72	5.74	5.32
222	Weaving mills, synthetics	4.5	4.5	4.9	0.0	-0.4	213.24	219.92	228.53	35.6	36.9	41.4	5.99	5.96	5.52
225	Knitting mills	20.9	20.9	21.5	0.0	-0.6	190.01	182.82	189.48	34.8	33.3	37.3	5.46	5.49	5.08
2253	Knit outerwear mills	11.3	11.7	11.1	-0.4	0.2	190.64	183.74	193.04	35.5	33.9	38.0	5.37	5.42	5.08
2254	Knit underwear mills	4.4	4.1	4.9	0.3	-0.5	178.19	169.06	164.50	34.6	32.7	34.2	5.15	5.17	4.81
	Other knitting mills	5.2	5.1	5.5	0.1	-0.3	198.47	190.89	207.48	33.3	32.3	39.0	5.96	5.91	5.32
227	Floor covering mills	3.4	3.5	3.2	-0.1	0.2	270.23	268.60	251.94	37.9	37.1	38.7	7.13	7.24	6.51
228	Yarn & thread mills	3.3	3.5	4.0	-0.2	-0.7	185.74	190.18	194.18	37.0	37.0	38.3	5.02	5.14	5.07
	Other textile mill prod.	8.8	8.9	8.8	-0.1	0.0	239.20	220.89	221.05	39.8	37.0	39.9	6.01	5.97	5.54
23	Apparel & other textile products	123.9	122.2	120.3	1.7	3.6	176.88	168.54	160.64	33.5	31.8	32.0	5.28	5.30	5.02
231	Men's & boys' suits & coats	16.2	16.7	16.3	-0.5	-0.1	226.88	227.07	194.63	36.3	36.1	33.1	6.25	6.29	5.88
232	Men's & boys' furnishings	20.0	19.9	19.5	0.1	0.5	176.59	170.02	168.95	34.9	33.6	34.2	5.06	5.06	4.94
2321	Men's & boys' shirts & nightwear	7.3	7.4	7.3	-0.1	0.0	184.14	176.29	168.39	37.2	35.4	35.6	4.95	4.98	4.73
2327	Men's & boys' separate trousers	4.4	4.3	4.4	0.1	0.0	195.94	185.11	186.45	36.9	34.6	33.9	5.31	5.35	5.50
	Other furnishings & work clothing	8.3	8.2	7.8	0.1	0.5	159.32	155.56	159.69	31.8	31.3	33.2	5.01	4.97	4.81
233	Women's & misses' outerwear	58.1	56.3	55.0	1.8	3.1	168.73	156.75	149.50	32.2	29.8	29.9	5.24	5.26	5.00
234	Women's & children's undergarments	9.9	10.0	9.8	-0.1	0.1	158.79	148.52	149.50	33.5	31.6	33.9	4.74	4.70	4.41
236	Children's outerwear	8.0	7.9	7.5	0.1	0.5	163.65	157.48	158.27	31.9	31.0	32.3	5.13	5.08	4.90
	Other apparel & textile prod.	11.7	11.4	12.2	0.3	-0.5	171.66	163.02	162.86	34.4	32.8	35.1	4.99	4.97	4.64

TABLE 7. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL (concl.)

(Employment in Thousands)

Current Month is February 1982

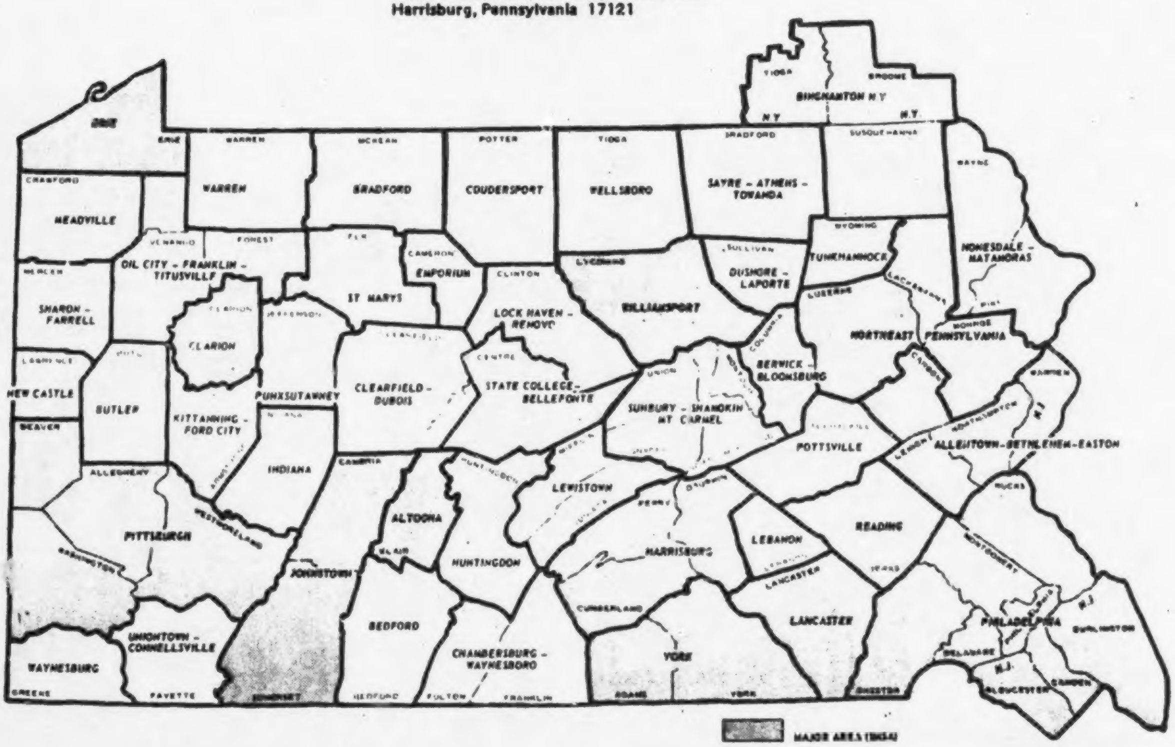
SIC	INDUSTRY TITLE	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
					NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
		CURRENT MONTH	MONTH AGO	YEAR AGO	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO
26	Paper & allied products	40.4	40.4	40.7	0.0	-0.3	$333.76	$332.28	$308.14	42.9	42.6	43.4	$ 7.78	$ 7.80	$ 7.10
262	Paper mills exc. building paper	10.9	11.0	10.6	-0.1	0.3	424.88	429.78	388.44	47.0	47.7	46.8	9.04	9.01	8.30
265	Paper board containers & boxes	13.5	13.5	13.8	0.0	-0.3	317.93	313.22	306.39	40.5	39.9	41.8	7.85	7.85	7.33
2653	Corrugated & solid fiber boxes	6.9	7.1	7.1	-0.2	-0.2	333.27	330.07	322.91	41.4	40.8	42.1	8.05	8.09	7.67
	Other paperboard containers	6.6	6.4	6.7	0.2	-0.1	303.71	295.25	289.39	39.7	38.9	41.4	7.65	7.59	6.99
	Other paper & allied products	16.0	15.9	16.3	0.1	-0.3	302.02	299.48	274.96	42.9	42.3	43.3	7.04	7.08	6.35
27	Printing & publishing	73.3	74.8	72.6	-1.5	0.7	331.04	325.25	305.37	38.9	38.4	37.7	8.51	8.47	8.10
271	Newspapers	23.4	24.7	23.4	-1.3	0.0	318.42	304.42	294.45	34.8	33.6	32.5	9.15	9.06	9.06
273	Books	6.0	6.0	6.0	0.0	0.0	318.93	307.53	266.17	41.8	40.2	38.8	7.63	7.65	6.86
275	Commercial printing	21.9	22.0	21.7	-0.1	0.2	349.84	344.05	327.86	39.8	39.5	38.8	8.79	8.71	8.45
2752	Lithographing	12.6	12.5	12.3	0.1	0.3	375.71	370.40	330.19	39.8	39.7	38.8	9.44	9.33	8.51
	Other commercial printing	9.3	9.5	9.4	-0.2	-0.1	317.20	311.26	324.76	39.7	39.3	38.8	7.99	7.92	8.37
276	Manifold business forms	4.3	4.4	4.4	-0.1	-0.1	362.71	363.69	334.03	43.7	43.4	43.1	8.30	8.38	7.75
	Other printing & publishing	17.7	17.7	17.1	0.0	0.6	312.31	310.73	289.17	38.7	38.6	38.3	8.07	8.05	7.55
28	Chemicals & allied products	59.0	59.0	59.7	0.0	-0.7	376.48	375.15	350.92	41.1	41.0	40.9	9.16	9.15	8.58
281	Industrial inorganic chemicals	9.7	9.6	10.0	0.1	-0.3	384.50	388.96	349.70	41.3	41.6	40.9	9.31	9.35	8.55
282	Plastic materials & synthetics	7.9	8.0	8.2	-0.1	-0.3	381.02	381.60	330.33	39.2	39.3	38.1	9.72	9.71	8.67
283	Drugs	18.3	18.3	17.7	0.0	0.6	392.24	393.78	371.67	39.5	40.1	39.0	9.93	9.82	9.53
284	Soap, cleaners & toilet goods	3.1	3.1	3.2	0.0	-0.1	349.08	341.73	299.77	44.3	43.7	42.4	7.88	7.82	7.07
285	Paints & allied products	4.0	4.0	4.2	0.0	-0.2	355.12	347.06	311.61	40.4	39.8	39.0	8.79	8.72	7.99
	Other chemicals & allied prod.	16.0	16.0	16.4	0.0	-0.4	369.36	364.98	363.54	42.8	42.0	43.8	8.63	8.69	8.30
29	Petroleum & coal products	15.7	15.8	16.2	-0.1	-0.5	511.89	490.73	482.80	42.2	41.8	43.3	12.13	11.74	11.15
291	Petroleum refining	12.7	12.8	13.3	-0.1	-0.6	529.54	514.50	507.07	41.5	42.0	43.6	12.76	12.25	11.63
	Other petroleum & coal prod.	3.0	3.0	2.9	0.0	0.1	431.16	387.98	354.00	45.1	41.1	41.5	9.56	9.44	8.53
30	Rubber & misc. plastics products	33.8	34.2	35.5	-0.4	-1.7	282.43	280.67	256.49	39.5	39.2	39.4	7.15	7.16	6.51
301	Tires & inner tubes	3.2	3.1	3.5	0.1	-0.3	378.55	385.12	340.90	40.4	41.5	40.2	9.37	9.28	8.48
306	Fabricated rubber prod., n.e.c.	4.1	4.2	4.4	-0.1	-0.3	362.42	343.19	312.42	43.3	41.1	41.6	8.37	8.35	7.51
	Other rubber & plastic prod., n.e.c.	26.5	26.9	27.6	-0.4	-1.1	264.42	263.16	240.24	39.0	38.7	39.0	6.78	6.80	6.16
31	Leather & leather products	14.5	15.0	15.7	-0.5	-1.2	180.19	180.36	179.04	35.4	36.0	37.3	5.09	5.01	4.80
314	Footwear, exc. rubber	10.9	11.4	12.0	-0.5	-1.1	169.27	169.81	164.08	34.9	35.6	36.3	4.85	4.77	4.52
3143	Men's footwear, exc. athletic	3.9	4.4	4.3	-0.5	-0.4	178.57	180.44	179.45	35.5	36.9	37.7	5.03	4.89	4.76
3144	Women's footwear, exc. athletic	3.1	3.1	3.6	0.0	-0.5	172.20	175.57	157.76	35.0	36.2	36.1	4.92	4.85	4.37
	Other footwear	3.9	3.9	4.1	0.0	-0.2	158.12	154.13	153.65	34.3	33.8	35.0	4.61	4.56	4.39
	Other leather & leather prod.	3.6	3.6	3.7	0.0	-0.1	215.34	215.39	225.84	37.0	37.2	40.4	5.82	5.79	5.59
	SELECTED NONMANUFACTURING INDUSTRIES														
11	Anthracite Mining	3.6	3.6	3.5	0.0	0.1	427.80	421.48	369.33	41.9	41.2	43.4	10.21	10.23	8.51
12	Bituminous coal & lignite mining	34.5	35.1	34.7	-0.6	-0.2	470.23	511.70	425.29	37.8	41.1	36.6	12.44	12.45	11.62
48	Nonmetallic minerals, exc. fuels	2.9	2.9	3.6	0.0	-0.7	361.75	351.83	355.32	40.6	39.8	42.0	8.91	8.84	8.46
49	Communication	55.0	55.1	55.1	-0.1	-0.1	409.73	413.40	379.27	38.8	39.0	39.1	10.56	10.60	9.70
491	Electric, gas, & sanitary services	48.5	48.4	47.3	0.1	1.2	470.98	479.76	436.74	42.7	43.3	43.5	11.03	11.08	10.04
492	Electric services	24.4	24.3	24.0	0.1	0.4	449.43	455.17	418.06	42.6	42.9	42.4	10.55	10.61	9.86
53	Gas production & distribution	9.0	9.0	8.3	0.0	0.7	398.16	427.55	398.70	40.3	42.5	45.0	9.88	10.06	8.86
60	General merchandise stores	116.4	120.8	115.5	-4.4	0.9	146.34	139.92	136.48	27.1	26.4	25.8	5.40	5.30	5.29
63	Banking	80.3	80.7	79.5	-0.4	0.8	206.87	203.94	199.37	INA	INA	INA	INA	INA	INA
631	Insurance carriers	70.5	70.3	70.1	0.2	0.4	257.18	252.83	239.71	INA	INA	INA	INA	INA	INA
633	Life insurance	27.3	27.0	26.7	0.3	0.6	237.23	227.98	222.49	INA	INA	INA	INA	INA	INA
	Fire, marine & casualty insurance	29.0	29.1	29.2	-0.1	-0.2	262.99	259.82	236.32	INA	INA	INA	INA	INA	INA

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local Job Service offices or by addressing requests to:

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121


ERIE
WARREN
BRADFORD
COUDERSPORT
WELLSBORO
SAYRE - ATHENS - TOWANDA
BINGHAMTON N.Y.
N.Y.
N.Y.
MEADVILLE
OIL CITY - FRANKLIN - TITUSVILLE
SHARON - FARRELL
CLARION
ST MARYS
EMPORIUM
LOCK HAVEN - RENOVO
WILLIAMSPORT
DUSHORE - LAPORTE
TUNKHANNOCK
HONESDALE - MATAMORAS
NORTHEAST PENNSYLVANIA
BERWICK - BLOOMSBURG
NEW CASTLE
BUTLER
KITTANNING - FORD CITY
PUNXSUTAWNEY
CLEARFIELD - DUBOIS
STATE COLLEGE - BELLEFONTE
SUNBURY - SHAMOKIN - MT CARMEL
POTTSVILLE
ALLENTOWN - BETHLEHEM - EASTON
N.J.
INDIANA
PITTSBURGH
ALTOONA
LEWISTOWN
JOHNSTOWN
HUNTINGDON
HARRISBURG
LEBANON
READING
UNIONTOWN - CONNELLSVILLE
WAYNESBURG
BEDFORD
CHAMBERSBURG - WAYNESBORO
YORK
LANCASTER
PHILADELPHIA
N.J.
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN - BETHLEHEM - EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

TABLE 8. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1971	$140.73	39.2	$3.59	127.3	121.3	$116.02	$ 24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 9. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Current Month is February 1982

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Current Month	Month Ago	Year Ago	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago
MANUFACTURING	852.4	862.0	914.1	33,043.6	32,866.2	35,852.0	282,338.3	281,598.3	290,920.8
DURABLE GOODS	490.3	500.2	549.7	19,435.5	19,559.3	22,147.8	185,578.8	186,459.5	199,040.1
NONDUR. GOODS	362.1	361.8	364.4	13,608.1	13,306.9	13,704.2	96,759.5	95,138.8	91,880.7

TABLE 10. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Current Month is February 1982

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago
PENNSYLVANIA	$331.35	$326.52	$317.91	38.8	38.1	39.2	$ 8.54	$ 8.57	$8.11
ALLENTOWN-BETHLEHEM-EASTON	348.81	346.56	319.87	38.8	38.0	38.4	8.99	9.12	8.33
ALTOONA	284.06	281.56	266.82	38.7	38.1	37.9	7.34	7.39	7.04
ERIE	366.13	345.54	337.42	41.0	39.0	40.8	8.93	8.86	8.27
HARRISBURG	324.48	317.46	306.99	39.0	39.0	40.5	8.32	8.14	7.58
JOHNSTOWN	322.96	308.48	321.40	36.7	34.7	36.9	8.80	8.89	8.71
LANCASTER	286.90	287.26	278.80	37.9	37.6	40.0	7.57	7.64	6.97
NORTHEAST	250.13	246.86	223.82	37.5	36.9	36.1	6.67	6.69	6.20
PHILADELPHIA	340.49	333.80	322.80	39.5	38.5	40.0	8.62	8.67	8.07
PITTSBURGH	416.96	416.31	396.26	39.9	39.8	40.6	10.45	10.46	9.76
READING	308.35	310.23	304.62	38.4	38.3	40.4	8.03	8.10	7.54
WILLIAMSPORT	331.68	322.29	296.65	40.4	39.4	39.5	8.21	8.18	7.51
YORK	313.60	312.43	287.83	40.0	39.8	40.2	7.84	7.85	7.16

TABLE 11. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Current Month is February 1982

Area	Rate of Unemployment					
	Current Month		One Month Ago		One Year Ago	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	9.6	8.8	9.4	8.5	8.0	7.4
PENNSYLVANIA	11.0	10.3	11.8	11.2	8.6	7.9
ALLENTOWN-BETH-EASTON	INA	INA	INA	INA	8.7	INA
ALTOONA	14.1	12.6	17.8	16.8	12.9	11.4
ERIE	12.4	11.7	12.3	11.5	10.2	9.6
HARRISBURG	7.6	7.2	8.7	7.9	6.2	5.8
JOHNSTOWN	16.6	15.6	18.0	16.4	13.7	12.9
LANCASTER	7.9	7.3	10.0	9.2	6.0	5.4
NORTHEAST	12.0	11.3	13.3	11.7	11.1	10.3
PHILADELPHIA	INA	INA	INA	INA	7.1	INA
PITTSBURGH	10.6	10.0	11.4	10.4	7.8	7.4
POTTSVILLE	14.7	-	15.8	-	11.1	-
READING	10.3	9.7	11.7	11.1	8.2	7.6
UNIONTOWN-CONNELLSVLE	17.8	-	19.3	-	12.2	-
WILLIAMSPORT	13.3	12.5	14.3	13.3	13.1	12.2
YORK	10.6	9.6	12.3	10.8	8.6	7.6

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago
UNITED STATES	108324.0	108014.0	107015.0	97946.0	97831.0	98401.0	10378.0	10183.0	8614.0
PENNSYLVANIA	5448.0	5423.0	5380.0	4850.0	4781.0	4918.0	598.0	642.0	462.0
ALLENTOWN-BETH-EASTON	INA	INA	309.0	INA	INA	282.0	INA	INA	27.0
ALTOONA	56.3	58.3	57.0	48.4	48.0	49.6	8.0	10.4	7.4
ERIE	124.1	123.0	124.1	108.7	107.8	111.4	15.4	15.2	12.7
HARRISBURG	237.5	235.4	231.3	219.5	214.9	216.9	18.0	20.5	14.4
JOHNSTOWN	106.0	106.8	106.8	88.4	87.6	92.1	17.6	19.2	14.7
LANCASTER	182.7	183.2	178.7	168.2	164.8	168.0	14.5	18.4	10.7
NORTHEAST	285.9	285.5	286.1	251.5	247.5	254.4	34.3	38.0	31.7
PHILADELPHIA	INA	INA	2148.9	INA	INA	1995.7	INA	INA	153.2
PITTSBURGH	1024.6	1023.8	1017.1	915.5	907.3	937.3	109.1	116.5	79.8
POTTSVILLE	66.5	66.1	67.0	56.7	55.7	59.6	9.8	10.5	7.4
READING	159.9	160.0	156.5	143.5	141.3	143.7	16.4	18.7	12.8
UNIONTOWN-CONNELLSVLE	61.3	61.6	58.4	50.4	49.7	51.3	10.9	11.9	7.1
WILLIAMSPORT	53.5	53.2	53.5	46.4	45.7	46.5	7.1	7.6	7.0
YORK	179.5	180.9	176.1	160.6	158.7	160.9	19.0	22.2	15.2

INA - Information not available

TABLE 12. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

Current Month is February 1982

1/ STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	1/ Nonagricultural Wage and Salary			Private Sector *		
	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago
UNITED STATES	89863.0	89760.0	90138.0	73779.0	73870.0	73680.0
PENNSYLVANIA	4573.4	4583.0	4666.5	3871.9	3886.1	3931.8
ALLENTOWN-BETHLEHEM-EASTON	253.9	256.2	260.6	224.5	226.4	230.4
ALTOONA	46.9	47.3	48.2	39.3	39.6	40.6
ERIE	106.6	107.4	109.8	95.3	96.4	95.9
HARRISBURG	223.5	222.3	221.2	162.3	162.2	161.9
JOHNSTOWN	78.6	79.2	82.1	63.9	64.9	67.4
LANCASTER	149.5	149.2	149.9	134.1	134.8	134.0
NORTHEAST	231.6	231.8	235.0	193.5	194.9	195.7
PHILADELPHIA	1885.8	1887.7	1910.5	1591.4	1594.6	1602.2
PITTSBURGH	901.0	907.6	924.2	781.8	788.7	804,2
POTTSVILLE	44.4	44.3	46.8	37.6	37.6	39.0
READING	136.9	137.1	137.3	120.0	120.9	120.0
UNIONTOWN-CONNELLSVILLE	33.4	33.5	34.3	27.6	27.7	27.7
WILLIAMSPORT	45.6	45.7	45.8	39.1	39.3	38.9
YORK	151.6	152.5	152.2	134.0	135.0	133.3

Area	Manufacturing			Nonmanufacturing		
	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago
UNITED STATES	19385.0	19440.0	20065.0	70478.0	70320.0	70073.0
PENNSYLVANIA	1228.8	1241.4	1292.2	3344.1	3335.8	3370.0
ALLENTOWN-BETHLEHEM-EASTON	98.5	99.8	104.1	155.4	156.0	156.1
ALTOONA	11.7	11.5	11.9	35.2	35.8	36.3
ERIE	40.0	40.8	40.7	66.5	66.5	69.0
HARRISBURG	40.7	41.2	41.5	182.8	181.1	179.7
JOHNSTOWN	15.1	15.5	17.7	63.5	63.7	64.4
LANCASTER	57.1	58.0	58.0	92.4	91.2	91.9
NORTHEAST	66.4	66.4	68.1	165.1	165.4	166.8
PHILADELPHIA	414.3	416.4	429.5	1471.1	1470.7	1480.0
PITTSBURGH	215.2	219.4	238.1	681.6	684.1	684.9
POTTSVILLE	18.4	18.2	19.5	26.0	26.1	27.3
READING	52.1	52.6	52.9	84.8	84.5	84.4
UNIONTOWN-CONNELLSVILLE	6.8	6.7	7.2	26.6	26.8	27.0
WILLIAMSPORT	15.9	15.9	15.7	29.7	29.8	30.1
YORK	63.2	64.0	62.6	88.4	88.5	88.8

* Excludes Government employment

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A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

PENNSYLVANIA EMPLOYMENT AND EARNINGS

APRIL 1982

Vol. XXVII No. 4

BEGINNING APRIL 1982 THIS PUBLICATION WILL BE ISSUED QUARTERLY RATHER THAN MONTHLY.

JOB SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY

BUR-652 REV 6-81

In cooperation with the United States Bureau of Labor Statistics

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing,to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING - ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 – 787-3129

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding, Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

Nonagricultural Wage and Salary Data in this publication are arranged according to the 1972 Standard Industrial Classification Manual. Employment data, beginning with 1980, are benchmarked to first quarter 1981. Prior years are not, therefore, strictly comparable.

ISSUED: APRIL 1982 REFERENCE: MID-MARCH

PENNSYLVANIA EMPLOYMENT AND EARNINGS FOR MARCH 1982

UNEMPLOYMENT CONTINUES DOWNWARD

Unemployment in Pennsylvania, both seasonally adjusted and unadjusted, declined for the second month in a row. Seasonally adjusted, the March estimate, 549,000, was down 17,000 from February and 61,000 from January. The adjusted rate also fell--from 10.3 percent of the civilian labor force in February to 10.1 percent. In January the adjusted rate was 11.2 percent.

Without adjustment for seasonal influences, March unemployment, estimated at 572,000, was 26,000 under February and 70,000 under January. The unadjusted rate, 10.6 percent, was also below the two preceeding months. In February it was 11.0 percent and in January, 11.8 percent.

Not surprisingly, in view of the recession, both the number and rate of unemployment were above a year ago.

Nationwide, the adjusted rate of unemployment rose slightly from 8.8 percent in February to 9.0 percent in March. The unadjusted rate, however, eased off from 9.6 in February to 9.5 in March.

The encouraging trend in unemployment was not matched by that in employment. The estimate for March showed 4,827,000 Pennsylvanians at work. This represented a drop of 23,000 from last month and 215,000 from March 1981. Reports, however, indicate that excess inventories have been whittled down during the past three months and may be nearing a point where new orders will result in increased production.

PRODUCTION STILL SLUGGISH

Manufacturing continues to feel the effects of the downturn in the economy, losing 12,800 jobs between February and March. Losses were heaviest again in the durable goods sector--off by 9,800. Primary metals experienced the greatest loss with 5,700 fewer jobs than in February. Fabricated metals and nonelectrical machinery were also in the forefront of the downtrend, each dropping by 1,300. These reductions,however, were less severe than those between January and February.

Nondurable goods were also affected by the slump as payrolls were cut by 3,000. Much of this though was the product of normal seasonal layoffs in food processing. On the bright side, printing and publishing rallied from the closing of the Philadelphia Bulletin, posting a gain of 400.

WEEKLY HOURS DOWN - HOURLY EARNINGS STABLE

Average weekly factory hours, contrary to the usual trend at this time of year, turned downward after an upswing the previous month. The March figure of 38.6 hours was 1.4 hours below February. The decline was shared by both durable and nondurable goods. The sharpest cutbacks in durables were incurred by primary metals and by transportation equipment, especially the motor vehicles, aircraft and railroad equipment subdivisions. Significant increases in miscellaneous manufacturing and instruments were only partially offsetting. In nondurables, gains in textiles and petroleum and coal products were insufficient to balance losses in food products and chemicals.

Average hourly earnings at $8.53 remained near the February figure of $8.55. Nondurables rose by 4 cents while durables dropped 3 cents. There was little change in most industries.

NONMANUFACTURING SHOWS IMPROVEMENT

Nonmanufacturing jobs increased again in March, climbing by 17,900. Services were in the van of the rise, with an aggregate gain of 9,600. Educational and health services provided the major portion of this gain. In addition, construction and retail trade registered significant increases--3,600 and 2,900 respectively. The finance, insurance and real estate sector also was on the plus side, although more moderately.

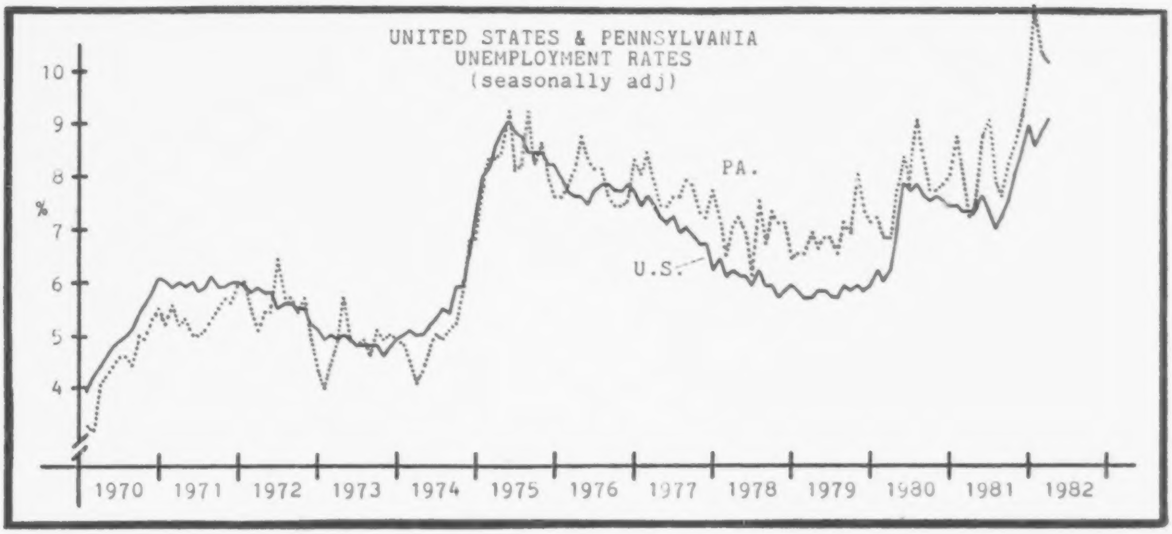


Table 1. **Resident Employment, Unemployment and Unemployed Rate**
(Thousands)

	PENNSYLVANIA					**UNITED STATES**				
Year	**Civilian Labor Force**	**Em-ployment**	**Unem-ployment**	**Rate %**	**Seasonally Adjusted Rate %**	**Civilian Labor Force**	**Em-ployment**	**Unem-ployment**	**Rate %**	**Seasonally Adjusted Rate %**
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,830	4,612	218	4.5		82,771	78,678	4,093	4.9	
1971	4,813	4,553	261	5.4		84,382	79,367	5,016	5.9	
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,434	5,009	425	7.8		106,940	99,303	7,637	7.1	
1981	5,476	5,018	458	8.4		108,670	100,397	8,273	7.6	
1981 Mar	5,474	5,042	432	7.9	7.4	107,634	99.364	8,271	7.7	7.3
Apr	5,400	5,025	374	6.9	7.4	107,906	100,345	7,561	7.0	7.3
May	5,443	5,019	424	7.8	8.5	108,586	100,855	7,731	7.1	7.5
Jun	5,497	4,985	511	9.3	8.7	109,904	101,419	8,485	7.7	7.4
Jul	5,597	5,142	455	8.1	8.2	110,742	102,612	8,130	7.3	7.2
Aug	5,583	5,150	432	7.7	7.9	110,099	102,152	7,947	7.2	7.3
Sep	5,445	4,997	448	8.2	8.5	108,273	100,389	7,884	7.3	7.6
Oct	5,525	5,051	475	8.6	8.7	109,244	101,028	8,216	7.5	8.0
Nov	5,514	5,034	479	8.7	9.0	109,179	100,502	8,676	7.9	8.3
Dec	5,437	4,930	507	9.3	9.6	108,574	99,562	9,013	8.3	8.8
1982 Jan	5,423	4,781	642	11.8	11.2	108,014	97,831	10,183	9.4	8.5
Feb	5,448	4,850	598	11.0	10.3	108,324	97,946	10,378	9.6	8.8
Mar	5,399	4,827	572	10.6	10.1	108,761	98,471	10,290	9.5	9.0

On all tables the most recent month's data are preliminary. They are subject to revision.

TABLE 2. TOTAL CIVILIAN LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA

Current Month is March 1982

RESIDENT DATA	Total - All Persons (In Thousands)			Net Change Over – –	
	Current Month	One Month Ago	One Year Ago	One Month	One Year
TOTAL CIVILIAN LABOR FORCE	5399.0	5448.0	5474.0	-49.0	-75.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	572.0	598.0	432.0	-26.0	140.0
% CIVILIAN LABOR FORCE	10.6	11.0	7.9	- 0.4	2.7
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	549.0	566.0	406.0	-17.0	143.0
% CIVILIAN LABOR FORCE	10.1	10.3	7.4	- 0.2	2.7
TOTAL EMPLOYMENT	4827.0	4850.0	5042.0	-23.0	-215.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATE	Total - All Jobs (Thousands)			Net Change Over – –	
	Current Month	One Month Ago	One Year Ago	One Month	One Year
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,583.8	4,578.7	4,700.5	5.1	-116.7
LABOR-MANAGEMENT DISPUTES	5.0	5.0	7.1	0.0	-2.1
ALL MANUFACTURING INDUSTRIES	1,214.9	1,227.7	1,294.4	-12.8	-79.5
TOTAL NONMANUFACTURING INDUSTRIES	3,363.9	3,346.0	3,399.0	17.9	-35.1
Mining	47.0	46.5	46.9	0.5	0.1
Anthracite	3.5	3.5	3.5	0.0	0.0
Bituminous	34.7	34.5	34.6	0.2	0.1
Nonmetallic minerals	3.2	2.8	4.0	0.4	-0.8
Contract Construction	153.3	149.7	162.9	3.6	-9.6
General building	40.5	40.1	43.6	0.4	-3.1
Heavy construction	28.7	26.8	32.8	1.9	-4.1
Special trades	84.1	82.8	86.5	1.3	-2.4
Transportation	142.0	143.2	156.5	-1.2	-14.5
Railroads	32.8	32.8	38.3	0.0	-5.5
Public Utilities	102.8	103.6	103.0	-0.8	-0.2
Communications	54.4	55.1	55.1	-0.7	-0.7
Electric, gas & sanitary service	48.4	48.5	47.9	-0.1	0.5
Electric systems	24.4	24.4	24.0	0.0	0.4
Gas production	8.9	9.0	8.9	-0.1	0.0
Wholesale trade	238.8	239.3	243.0	-0.5	-4.2
Retail trade	722.7	719.2	726.0	3.5	-3.3
General merchandise stores	116.0	116.1	115.3	-0.1	0.7
Department stores	102.9	102.9	102.1	0.0	0.8
Finance, insurance & real estate	240.8	239.3	238.4	1.5	2.4
Banking	80.2	80.3	79.9	-0.1	0.3
Commercial & stock savings	73.9	73.9	73.4	0.0	0.5
Credit agencies & securities	31.4	31.3	31.4	0.1	0.0
Insurance	70.6	70.4	70.2	0.2	0.4
Life insurance	27.4	27.2	26.8	0.2	0.6
Fire, marine & casualty	29.1	29.0	29.1	0.1	0.0
Services	1,013.7	1,004.1	989.4	9.6	24.3
Business services	133.0	133.3	132.6	-0.3	0.4
Health services	343.0	341.3	329.2	1.7	13.8
Nursing & personal care	53.7	53.7	52.2	0.0	1.5
Hospitals	211.0	210.3	201.1	0.7	9.9
Educational service	136.8	133.8	135.1	3.0	1.7
Miscellaneous services	48.0	48.1	47.3	-0.1	0.7
Engineering & architectural	30.2	30.3	29.6	-0.1	0.6
Government	702.8	701.1	732.9	1.7	-30.1
Federal	134.4	134.5	132.4	-0.1	2.0
State & local	568.4	566.6	600.5	1.8	-32.1

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Non-Manufacturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.2	3,854.3	1,341.9	3,223.3	48.0	183.9	938.9	221.7	717.2
1978	4,719.6	3,995.6	1,367.8	3,351.7	46.8	200.1	983.7	230.8	752.9
1979	4,806.1	4,085.4	1,386.8	3,419.3	51.7	204.2	992.5	239.4	753.1
1980	4,753.1	4,029.8	1,328.2	3,424.9	49.0	190.1	988.3	244.3	744.0
1981	4,724.2	4,018.8	1,299.8	3,424.4	45.2	182.5	986.1	244.6	741.5
1981 Mar.	4,693.4	3,960.5	1,294.4	3,399.0	46.9	162.9	969.0	243.0	726.0
Apr.	4,731.5	4,002.9	1,304.8	3,426.7	* 28.2	178.2	983.7	245.1	738.6
May	4,754.5	4,023.9	1,307.7	3,446.8	* 26.9	186.8	991.3	245.3	746.0
Jun.	4,802.3	4,075.7	1,320.7	3,481.6	48.5	194.6	994.3	247.6	746.7
Jul.	4,749.7	4,055.3	1,310.6	3,439.1	49.5	198.2	985.7	245.9	739.8
Aug.	4,749.1	4,061.7	1,317.7	3,431.4	49.7	198.6	983.2	246.1	737.1
Sep.	4,720.4	4,071.9	1,318.6	3,401.8	50.4	198.2	984.8	244.8	740.0
Oct.	4,733.8	4,065.7	1,295.6	3,438.2	50.0	195.6	997.2	245.4	751.8
Nov.	4,735.5	4,035.2	1,276.6	3,458.9	50.2	189.1	1,001.6	243.6	758.0
Dec.	4,703.8	4,003.6	1,263.6	3,440.2	48.4	176.7	1,007.3	243.4	763.9
1982 Jan.	4,577.2	3,886.1	1,241.4	3,335.8	47.2	153.5	964.8	241.3	723.5
Feb.	4,573.7	3,872.6	1,227.7	3,346.0	46.5	149.7	958.5	239.3	719.2
Mar.	4,578.8	3,876.0	1,214.9	3,363.9	47.0	153.3	961.5	238.8	722.7

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.9	137.6	514.4
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.7	136.4	522.4
1974	161.1	104.4	207.3	773.6	154.9	618.7	682.0	136.6	545.4
1975	154.0	102.5	207.3	798.5	159.8	638.7	721.4	134.4	587.0
1976	155.4	101.1	211.4	839.7	165.5	674.2	722.1	131.7	590.4
1977	160.9	100.7	217.5	862.5	171.1	691.4	710.9	128.1	582.8
1978	165.7	100.9	226.6	903.9	177.9	726.0	724.1	129.5	594.5
1979	170.7	101.7	233.7	944.1	185.3	758.8	720.7	130.8	589.9
1980	161.9	101.4	236.8	974.1	194.4	779.7	723.3	134.9	588.4
1981	154.4	103.9	240.6	1,006.2	204.7	801.5	705.4	133.9	571.5
1981 Mar.	156.5	103.0	238.4	989.4	201.1	788.3	732.9	132.4	600.5
Apr.	158.0	103.1	239.8	1,007.1	201.4	805.7	728.6	132.7	595.9
May	157.9	103.4	241.1	1,008.8	202.4	806.4	730.6	133.1	597.5
Jun.	157.0	104.7	243.6	1,012.3	205.7	806.6	726.6	135.0	591.6
Jul.	148.4	105.3	244.3	1,013.3	206.2	807.1	694.4	136.4	558.0
Aug.	148.6	105.5	243.4	1,015.0	206.8	808.2	687.4	135.5	551.9
Sep.	156.4	104.2	241.4	1,017.9	206.9	811.0	648.5	132.8	515.7
Oct.	156.3	104.2	240.0	1,026.8	208.5	818.3	668.1	134.4	533.7
Nov.	152.9	104.3	240.2	1,020.3	208.8	811.5	700.3	135.1	565.2
Dec.	150.4	104.0	239.6	1,013.6	209.3	804.3	700.2	134.9	565.3
1982 Jan.	143.8	103.5	239.4	992.5	209.7	782.8	691.1	134.4	556.7
Feb.	143.2	103.6	239.3	1,004.1	210.3	793.8	701.1	134.5	566.6
Mar.	142.0	102.8	240.8	1,013.7	211.0	802.7	702.8	134.4	568.4

TABLE 4. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Group

(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.9	809.7	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,367.8	827.6	21.9	20.1	63.7	199.2	112.6	137.8
1979	1,386.8	853.9	23.0	20.2	64.7	204.1	118.0	142.0
1980	1,328.2	814.7	20.6	18.8	59.0	190.2	112.8	144.2
1981	1,299.8	790.6	19.7	18.7	56.8	184.0	109.0	142.9
1981 Mar.	1,294.4	790.4	19.5	18.0	55.3	186.2	108.6	142.6
Apr.	1,304.8	795.9	20.0	18.8	56.9	186.7	109.5	142.9
May	1,307.7	798.5	20.4	18.9	57.6	186.4	109.9	143.2
Jun.	1,320.7	805.0	20.7	18.9	58.5	187.7	110.7	144.3
Jul.	1,310.6	798.6	20.8	18.4	58.0	187.8	109.5	143.1
Aug.	1,317.7	799.8	20.8	19.2	58.6	185.9	110.6	143.2
Sep.	1,318.6	800.8	20.3	19.5	57.8	184.4	111.1	143.2
Oct.	1,295.6	782.7	19.1	19.1	57.1	178.0	108.4	142.5
Nov.	1,276.6	768.6	18.6	18.7	56.2	175.0	107.2	142.0
Dec.	1,263.6	760.0	17.7	18.3	54.8	174.2	104.9	142.3
1982 Jan.	1,241.4	742.7	17.7	17.7	52.9	169.8	104.1	140.6
Feb.	1,227.7	729.9	17.7	17.5	52.0	164.1	102.1	138.9
Mar.	1,214.9	720.1	18.3	17.2	52.4	158.4	100.8	137.6

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.7	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.3	540.3	99.7	4.0	50.1
1979	126.4	87.3	42.9	25.3	532.9	99.3	3.6	47.1
1980	122.5	81.5	41.8	23.4	513.5	96.6	3.3	43.9
1981	117.9	77.9	41.1	22.8	509.2	95.2	3.1	43.2
1981 Mar.	116.9	80.0	40.7	22.6	504.0	93.8	3.1	42.2
Apr.	117.7	79.4	40.9	23.1	508.9	94.1	3.1	43.6
May	118.0	79.8	41.5	22.8	509.2	93.4	3.1	43.2
Jun.	119.2	79.7	41.8	23.5	515.7	94.7	3.1	44.1
Jul.	117.5	78.8	41.3	23.4	512.0	96.2	2.9	43.9
Aug.	118.6	78.7	41.3	22.9	517.9	97.4	3.1	43.9
Sep.	119.6	80.1	41.4	23.4	517.8	96.9	3.2	44.3
Oct.	119.0	75.9	40.9	22.7	512.9	97.0	3.1	43.2
Nov.	116.7	71.2	40.8	22.2	508.0	96.1	3.1	42.8
Dec.	115.9	69.3	40.4	22.2	503.6	95.2	3.0	42.2
1982 Jan.	112.7	65.7	40.3	21.2	498.7	93.0	3.0	41.3
Feb.	111.4	66.0	39.2	21.0	497.8	93.2	2.9	41.1
Mar.	110.6	66.0	38.2	20.6	494.8	91.6	2.9	40.3

TABLE 4. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(concl.)

Industry Group

(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	134.6	61.0	44.4	71.3	59.9	17.3	39.9	19.3
1979	128.6	59.9	44.6	72.2	61.0	17.3	41.8	17.3
1980	124.1	56.6	42.4	72.6	60.8	16.7	37.1	16.0
1981	123.7	57.0	41.8	73.5	60.0	16.8	35.7	16.1
1981 Mar.	122.3	56.6	41.5	73.0	60.2	16.5	35.6	15.8
Apr.	124.5	57.8	41.5	73.4	60.1	16.8	35.8	16.0
May	124.6	57.6	41.6	73.4	60.1	17.1	36.0	16.7
Jun.	125.5	57.7	42.6	73.8	60.7	17.6	36.6	17.0
Jul.	122.0	56.5	42.4	73.7	60.6	17.7	36.1	16.5
Aug.	126.5	58.2	42.9	73.5	60.4	17.6	36.1	16.5
Sep.	128.1	59.4	42.6	73.5	59.9	17.1	35.8	16.4
Oct.	126.7	58.6	41.7	73.8	59.8	16.5	35.2	15.9
Nov.	124.0	57.2	41.2	74.6	59.8	16.3	34.6	15.5
Dec.	122.0	55.2	41.1	74.5	59.2	16.1	34.8	15.5
1982 Jan.	122.2	56.3	40.4	74.8	59.0	15.8	34.2	15.0
Feb.	123.8	58.2	40.4	73.3	59.0	15.7	33.9	14.5
Mar.	123.4	58.0	40.3	73.7	58.7	15.8	33.9	14.2

TABLE 5. SELECTED PENNSYLVANIA INDICES
(Not Adjusted)

1977 = 100

Industry Group	1982		1981	ANNUAL AVERAGE	
	Mar.	Feb.	Mar.	1981	1980
EMPLOYMENT					
All Manufacturing	90.5	91.5	96.4	96.9	99.0
Primary Metals	79.4	82.2	93.2	92.2	95.3
Apparel	92.1	92.4	91.2	92.3	92.6
All Nonmanufacturing	104.3	103.8	105.4	106.2	106.2
Construction	83.4	81.4	88.5	99.2	103.4
Retail Trade	100.8	100.3	101.2	103.4	103.7
Services	117.5	116.4	114.7	116.7	112.9
Government	98.9	98.6	103.1	99.2	101.7

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1975	$193.22	38.8	$4.98	$217.60	40.0	$5.44	$159.22	37.2	$4.28	$253.37	39.1	$ 6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1980	294.49	38.8	7.59	332.64	39.6	8.40	236.50	37.6	6.29	399.81	37.4	10.69
1981	325.36	39.2	8.30	370.64	40.2	9.22	259.31	37.8	6.86	450.85	38.6	11.68
1981 Mar.	320.72	39.4	8.14	365.72	40.5	9.03	254.02	37.8	6.72	447.74	38.9	11.51
Apr.	323.05	39.3	8.22	368.96	40.5	9.11	254.32	37.4	6.80	467.57	40.1	11.66
May	324.26	39.4	8.23	367.54	40.3	9.12	260.60	38.1	6.84	444.27	38.2	11.63
Jun.	325.05	39.4	8.25	369.15	40.3	9.16	259.92	38.0	6.84	442.36	38.2	11.58
Jul.	323.31	39.0	8.29	366.16	39.8	9.20	261.82	38.0	6.89	440.04	38.0	11.58
Aug.	329.78	39.4	8.37	375.47	40.2	9.34	262.82	38.2	6.88	463.24	38.7	11.97
Sep.	331.63	39.2	8.46	378.95	40.1	9.45	262.33	37.8	6.94	477.97	39.6	12.07
Oct.	328.44	39.1	8.40	374.80	40.0	9.37	263.41	37.9	6.95	445.36	38.0	11.72
Nov.	332.87	39.3	8.47	380.43	40.3	9.44	265.68	37.9	7.01	453.09	38.3	11.83
Dec.	332.67	39.0	8.53	379.85	39.9	9.52	266.87	37.8	7.06	448.31	37.8	11.86
1982 Jan.	326.52	38.1	8.57	372.62	39.1	9.53	263.12	36.8	7.15	451.39	37.9	11.91
Feb.	342.00	40.0	8.55	382.40	40.0	9.56	267.34	37.6	7.11	463.69	38.9	11.92
Mar.	329.26	38.6	8.53	376.04	39.5	9.52	267.04	37.4	7.14	446.37	37.7	11.84

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1975	$208.17	40.5	$5.14	$222.14	41.6	$5.34	$191.84	39.8	$4.82	$234.61	39.9	$ 5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1980	309.57	40.1	7.72	338.60	41.7	8.12	287.68	39.9	7.21	356.40	39.6	9.00
1981	341.30	40.2	8.49	369.35	41.5	8.90	319.93	40.6	7.88	396.61	39.9	9.94
1981 Mar.	336.57	40.6	8.29	360.76	41.9	8.61	320.12	41.2	7.77	383.36	40.1	9.56
Apr.	334.06	40.2	8.31	357.11	41.0	8.71	315.43	40.7	7.75	380.56	39.6	9.61
May	339.73	40.3	8.43	365.62	41.5	8.81	316.61	40.8	7.76	387.03	39.9	9.70
Jun.	347.58	40.7	8.54	369.09	41.8	8.83	317.05	40.7	7.79	394.76	40.2	9.82
Jul.	335.47	39.7	8.45	367.63	41.4	8.88	312.80	40.0	7.82	401.98	39.8	10.10
Aug.	343.14	39.9	8.60	374.88	41.7	8.99	321.18	40.4	7.95	402.19	39.9	10.08
Sep.	342.86	39.5	8.68	375.91	41.4	9.08	317.60	39.8	7.98	400.07	39.3	10.18
Oct.	345.14	39.9	8.65	380.22	41.6	9.14	330.89	40.8	8.11	416.64	40.1	10.39
Nov.	351.88	40.4	8.71	385.40	41.8	9.22	334.14	41.1	8.13	427.58	40.8	10.48
Dec.	359.31	40.6	8.35	383.16	41.2	9.30	333.33	40.6	8.21	423.39	40.4	10.48
1982 Jan.	347.60	39.1	8.89	375.72	40.4	9.30	330.77	39.9	8.29	403.90	39.1	10.33
Feb.	353.13	39.5	8.94	381.71	41.0	9.31	335.78	40.7	8.25	433.95	40.9	10.61
Mar.	357.08	39.5	9.04	379.44	40.8	9.30	331.23	40.1	8.26	429.34	40.2	10.68

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1975	$187.80	40.3	$4.66	$132.42	37.3	$3.55	$109.20	32.5	$3.36	$204.58	37.4	$5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.28	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1980	274.33	39.7	6.91	192.89	38.5	5.01	153.12	32.1	4.77	284.56	37.1	7.67
1981	305.07	40.3	7.57	207.10	38.0	5.45	169.25	32.8	5.16	318.40	38.5	8.27
1981 Mar.	298.28	40.2	7.42	205.21	38.5	5.33	166.62	32.8	5.08	306.94	37.8	8.12
Apr.	297.04	39.5	7.52	207.13	38.5	5.38	163.89	31.7	5.17	311.76	38.3	8.14
May	311.54	41.1	7.58	210.92	38.7	5.45	167.83	32.4	5.18	312.19	38.4	8.13
Jun.	308.97	40.6	7.61	209.75	38.7	5.42	168.54	32.6	5.17	317.34	38.7	8.20
Jul.	310.49	40.8	7.61	202.50	37.5	5.40	170.98	33.2	5.15	316.74	38.3	8.27
Aug.	307.89	40.3	7.64	209.59	37.9	5.53	175.10	34.0	5.15	321.98	38.7	8.32
Sep.	303.73	39.6	7.67	209.61	37.7	5.56	173.53	33.5	5.18	325.47	38.7	8.41
Oct.	302.48	39.8	7.60	208.50	37.5	5.56	176.77	33.8	5.23	329.87	38.9	8.48
Nov.	309.50	40.3	7.68	210.00	37.5	5.60	172.78	33.1	5.22	330.33	39.0	8.47
Dec.	313.16	40.2	7.79	206.83	37.0	5.59	171.68	32.7	5.25	335.02	39.6	8.46
1982 Jan.	309.64	38.9	7.96	201.47	35.1	5.74	168.54	31.8	5.30	325.25	38.4	8.47
Feb.	309.29	39.3	7.87	207.12	36.4	5.69	177.02	33.4	5.30	330.11	38.7	8.53
Mar.	305.28	38.4	7.95	213.36	37.3	5.72	176.69	33.4	5.29	331.66	38.7	8.57

TABLE 7. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

Current Month is MARCH 1982

SIC	INDUSTRY TITLE	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
					NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
		CURRENT MONTH	MONTH AGO	YEAR AGO	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO
	TOTAL MANUFACTURING INDUSTRIES	1214.9	1227.7	1294.4	-12.8	-79.5	$329.26	$342.00	$320.72	38.6	40.0	39.4	$ 8.53	$ 8.55	$ 8.14
	TOTAL DURABLE GOODS	720.1	729.9	790.4	-9.8	-70.3	376.04	382.40	365.72	39.5	40.0	40.5	9.52	9.56	9.03
24	Lumber & wood products	18.3	17.7	19.5	0.6	-1.2	261.21	256.20	246.24	38.3	37.9	40.7	6.82	6.76	6.05
243	Millwork, plywood & structural	6.2	6.1	6.4	0.1	-0.2	287.75	271.67	265.02	39.8	38.7	42.2	7.23	7.02	6.28
	Other lumber & wood prod.	12.1	11.6	13.1	0.5	-1.0	247.50	248.25	237.20	37.5	37.5	40.0	6.60	6.62	5.93
25	Furniture & fixtures	17.2	17.5	18.0	-0.3	-0.8	264.65	265.83	262.55	37.7	37.6	39.6	7.02	7.07	6.63
251	Household furniture	8.3	8.3	8.6	0.0	-0.3	236.33	231.94	241.19	37.1	36.7	39.8	6.37	6.32	6.06
252	Office furniture	4.1	4.2	4.4	-0.1	-0.3	293.36	298.68	272.22	38.0	38.0	39.0	7.72	7.86	6.98
	Other furniture & fixtures	4.8	5.0	5.0	-0.2	-0.2	295.27	299.51	294.52	38.8	39.1	39.8	7.61	7.66	7.40
32	Stone, clay & glass products	52.4	52.0	55.3	0.4	-2.9	354.03	356.65	348.50	40.6	40.9	42.5	8.72	8.72	8.20
322	Glass & glassware, pressed or blown	14.4	14.4	14.9	0.0	-0.5	352.55	355.59	331.66	40.2	40.5	41.2	8.77	8.78	8.05
3221	Glass containers	7.2	7.1	7.4	0.1	-0.2	360.52	363.87	354.48	38.6	39.0	42.1	9.34	9.33	8.42
3229	Other pressed or blown glass	7.2	7.3	7.5	-0.1	-0.3	343.61	348.18	310.27	41.7	42.0	40.4	8.24	8.29	7.68
324	Hydraulic cement	1.9	1.8	2.2	0.1	-0.3	476.37	522.90	478.07	40.2	42.0	43.9	11.85	12.45	10.89
325	Structural clay products	4.8	4.9	5.3	-0.1	-0.5	305.28	291.08	290.40	38.4	38.0	40.0	7.95	7.66	7.26
326	Pottery & related products	4.3	4.0	4.7	0.3	-0.4	343.44	338.12	325.63	42.4	42.8	42.4	8.10	7.90	7.68
327	Concrete, gypsum & plaster prod.	6.5	6.2	6.6	0.3	-0.1	326.84	326.73	312.43	40.4	39.7	39.8	8.09	8.23	7.85
	Other stone, clay & glass prod.	20.5	20.7	21.6	-0.2	-1.1	371.36	374.17	387.32	41.4	41.9	45.3	8.97	8.93	8.55
33	Primary metal industries	158.4	164.1	186.2	-5.7	-27.8	446.37	463.69	447.74	37.7	38.9	38.9	11.84	11.92	11.51
331	Blast furnace & basic steel prod.	116.0	120.5	139.7	-4.5	-23.7	484.15	506.73	485.30	37.3	38.8	38.7	12.98	13.06	12.54
3312	Blast furnaces & steel mills	104.9	109.4	128.4	-4.5	-23.5	496.09	517.03	493.19	37.3	38.7	38.5	13.30	13.36	12.81
	Other basic steel products	11.1	11.1	11.3	0.0	-0.2	382.33	415.80	405.31	37.3	39.6	41.4	10.25	10.50	9.79
332	Iron & steel foundries	14.9	15.5	18.7	-0.6	-3.8	331.74	339.84	334.76	37.4	38.4	38.7	8.87	8.85	8.65
3321	Gray iron foundries	6.7	6.7	7.9	0.0	-1.2	313.02	321.10	312.54	37.0	38.0	36.9	8.46	8.45	8.47
3325	Steel foundries, n.e.c.	5.4	5.3	6.4	0.1	-1.0	369.21	368.68	361.21	39.7	39.6	41.0	9.30	9.31	8.81
3322,4	Malleable iron & steel invest.	2.8	3.5	4.4	-0.7	-1.6	311.67	334.73	339.60	34.1	37.4	38.9	9.14	8.95	8.73
335	Nonferrous rolling & drawing	13.5	13.8	12.8	-0.3	0.7	355.90	356.21	333.66	39.5	39.8	40.2	9.01	8.95	8.30
336	Nonferrous foundries	7.0	7.0	6.8	0.0	0.2	324.87	332.03	302.25	39.0	40.1	38.7	8.33	8.28	7.81
	Other primary metal products	7.0	7.3	8.2	-0.3	-1.2	351.25	353.42	332.48	39.6	39.8	41.2	8.87	8.88	8.07
34	Fabricated metal products	100.8	102.1	108.6	-1.3	-7.8	357.08	353.13	336.57	39.5	39.5	40.6	9.04	8.94	8.29
341	Metal cans & shipping containers	3.5	3.6	3.9	-0.1	-0.4	455.52	428.48	395.65	43.3	41.6	41.3	10.52	10.30	9.58
342	Cutlery, hand tools & hardware	5.5	5.6	6.3	-0.1	-0.8	261.67	264.08	256.96	36.7	37.3	39.9	7.13	7.08	6.44
343	Plumbing & heating exc. electrical	3.2	3.3	3.6	-0.1	-0.4	323.40	306.73	296.35	39.2	37.0	39.2	8.25	8.29	7.56
344	Fabricated structural metal prod.	31.1	31.3	34.2	-0.2	-3.1	333.98	336.80	325.22	38.7	39.3	40.3	8.63	8.57	8.07
3441	Fabricated structural metal	6.5	6.8	8.9	-0.3	-2.4	378.67	378.49	330.13	38.6	39.1	36.6	9.81	9.68	9.02
3443	Fabricated plate work (boiler shops)	10.3	10.2	10.5	0.1	-0.2	333.76	337.85	332.05	38.1	38.7	41.3	8.76	8.73	8.04
	Other fabricated struct. metal prod.	14.3	14.3	14.8	0.0	-0.5	313.22	314.42	316.76	39.3	39.8	41.9	7.97	7.90	7.56
345	Screw machine products, bolts, etc.	8.2	8.2	9.1	0.0	-0.9	329.25	332.05	301.79	40.9	41.3	40.4	8.05	8.04	7.47
346	Metal forgings & stampings	19.2	19.3	19.3	-0.1	-0.1	456.96	440.48	418.15	40.8	40.3	39.9	11.20	10.93	10.48
3462	Iron & steel forgings	5.3	5.5	5.9	-0.2	-0.6	372.48	381.57	352.30	38.4	39.5	38.8	9.70	9.66	9.08
	Other metal forgings & stampings	13.9	13.8	13.4	0.1	0.5	482.65	460.81	443.30	41.5	40.6	40.3	11.63	11.35	11.00
347,8	Metal services & ordnance, n.e.c.	8.2	8.3	8.0	-0.1	0.2	309.64	318.77	303.40	39.8	40.3	41.0	7.78	7.91	7.40
349	Misc. fabricated metal products	21.9	22.5	24.2	-0.6	-2.3	330.33	331.27	325.20	38.5	38.7	41.8	8.58	8.56	7.78
3494	Valves & pipe fittings	8.8	8.9	9.9	-0.1	-1.1	344.16	355.02	342.45	38.8	39.8	42.7	8.87	8.92	8.02
	Other misc. fabricated metal prod.	13.1	13.6	14.3	-0.5	-1.2	322.94	317.75	315.53	38.4	38.1	41.3	8.41	8.34	7.64

TABLE 7. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL (cont.)

(Employment in Thousands)

Current Month is MARCH 1982

SIC	INDUSTRY TITLE	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
		CURRENT MONTH	MONTH AGO	YEAR AGO	NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
					MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO
35	Machinery, exc. electrical	137.6	138.9	142.6	-1.3	-5.0	$379.44	$381.71	$360.76	40.8	41.0	41.9	$ 9.30	$ 9.31	$ 8.61
351	Engines & turbines	9.8	10.1	10.0	-0.3	-0.2	428.67	434.10	409.81	41.1	41.7	42.6	10.43	10.41	9.62
352	Farm & garden machinery	3.9	3.9	4.6	0.0	-0.7	397.18	395.85	358.03	40.2	40.6	41.2	9.88	9.75	8.69
353	Construction & related mach.	25.5	25.8	26.1	-0.3	-0.6	414.12	414.96	383.53	42.0	42.0	42.1	9.86	9.88	9.11
3531	Construction machinery	8.3	8.4	8.3	-0.1	0.0	429.95	427.92	411.73	40.6	40.6	41.8	10.59	10.54	9.85
3535	Conveyors & conveying equip.	3.7	3.7	3.9	0.0	-0.2	344.03	319.58	279.36	41.6	38.0	36.0	8.27	8.41	7.76
	Other construction & related mach.	13.5	13.7	13.9	-0.2	-0.4	414.95	422.05	383.66	43.0	43.6	43.4	9.65	9.68	8.84
354	Metal working machinery	20.1	20.4	21.5	-0.3	-1.4	376.04	375.88	352.97	39.5	39.4	40.9	9.52	9.54	8.63
355	Special industry machinery	13.3	13.6	14.0	-0.3	-0.7	356.13	361.74	328.84	40.7	41.2	40.2	8.75	8.78	8.18
356	General industrial machinery	26.9	27.2	28.2	-0.3	-1.3	366.93	365.49	361.25	40.5	40.7	42.6	9.06	8.98	8.48
3561	Pumps & pumping equipment	4.2	4.2	4.1	0.0	0.1	361.34	369.46	386.76	40.6	41.7	44.0	8.90	8.86	8.79
3562	Ball & roller bearings	4.1	4.2	3.9	-0.1	0.2	337.04	343.00	332.90	37.7	37.9	38.8	8.94	9.05	8.58
3563	Air & gas compressors	5.0	5.0	5.2	0.0	-0.2	368.42	377.81	403.42	39.7	40.8	46.0	9.28	9.26	8.77
3567	Industrial furnaces & ovens	3.3	3.3	3.8	0.0	-0.5	342.25	351.71	345.14	37.0	37.9	39.9	9.25	9.28	8.65
	Other general industrial mach.	10.3	10.5	11.2	-0.2	-0.9	389.66	374.88	354.32	43.2	42.6	43.0	9.02	8.80	8.24
357	Office and computing machines	13.5	13.3	13.1	0.2	0.4	432.12	442.19	402.69	42.7	42.6	41.6	10.12	10.38	9.68
358	Refrigeration & service ind. mach.	10.6	10.5	11.1	0.1	-0.5	321.77	317.72	311.47	37.9	37.6	41.2	8.49	8.45	7.56
359	Misc. machinery, exc. electrical	14.0	14.1	14.0	-0.1	0.0	345.69	350.22	344.80	41.8	42.4	43.1	8.27	8.26	8.00
36	Electric & electronic equipment	110.6	111.4	116.9	-0.8	-6.3	331.23	335.78	320.12	40.1	40.7	41.2	8.26	8.25	7.77
361	Electric distributing equip.	16.8	17.1	18.2	-0.3	-1.4	421.27	414.19	417.54	43.7	43.1	44.8	9.64	9.61	9.32
3612	Transformers	5.6	5.7	5.9	-0.1	-0.3	431.41	419.82	394.80	45.7	44.9	43.1	9.44	9.35	9.16
3613	Switchgear & switchboard apparatus	11.2	11.4	12.3	-0.2	-1.1	414.80	411.87	429.58	42.5	42.2	45.7	9.76	9.76	9.40
362	Electrical industrial apparatus	19.4	19.7	21.2	-0.3	-1.8	319.57	326.03	297.92	39.6	40.4	40.7	8.07	8.07	7.32
363	Household appliances	3.3	2.6	4.1	0.7	-0.8	302.91	255.03	287.57	39.7	38.7	38.6	7.63	6.59	7.45
364	Electric lighting & wiring equip.	20.6	20.6	20.4	0.0	0.2	309.54	323.33	303.58	40.2	41.4	41.7	7.70	7.81	7.28
3643	Current-carrying wiring devices	11.4	11.5	11.1	-0.1	0.3	303.86	307.84	312.64	40.3	41.1	41.3	7.54	7.49	7.57
	Other electric light & wiring equip.	9.2	9.1	9.3	0.1	-0.1	314.38	336.94	297.23	40.1	41.7	42.1	7.84	8.08	7.06
366	Communication equipment	9.8	9.6	9.7	0.2	0.1	336.76	333.26	334.53	42.2	42.4	41.3	7.98	7.86	8.10
367	Electronic components & accessories	30.8	31.4	33.2	-0.6	-2.4	325.31	335.30	309.07	39.1	40.3	41.1	8.32	8.32	7.52
3674	Semiconductors & related devices	11.2	11.2	11.3	0.0	-0.1	405.73	439.50	398.56	38.9	42.3	42.4	10.43	10.39	9.40
	Other electronic components & access.	19.6	20.2	21.9	-0.6	-2.3	281.85	281.39	265.02	39.2	39.3	40.4	7.19	7.16	6.56
	Other electrical equip. & supplies	9.9	10.4	10.1	-0.5	-0.2	278.23	281.60	265.36	36.9	37.2	36.4	7.54	7.57	7.29
37	Transportation equipment	66.0	66.0	80.0	0.0	-14.0	429.34	433.95	383.36	40.2	40.9	40.1	10.68	10.61	9.56
371	Motor vehicles & equipment	24.6	24.6	27.0	0.0	-2.4	462.58	469.00	399.50	40.9	41.8	38.9	11.31	11.22	10.27
3714	Motor vehicle parts & access.	9.4	9.5	10.4	-0.1	-1.0	475.46	481.13	433.26	43.7	44.1	41.5	10.88	10.91	10.44
	Other motor vehicles & equip.	15.2	15.1	16.6	0.1	-1.4	453.18	458.85	372.42	38.8	39.9	36.8	11.68	11.50	10.12
372	Aircraft & parts	11.0	11.0	13.7	0.0	-2.7	449.77	454.95	383.64	41.0	41.7	41.7	10.97	10.91	9.20
373	Ship & boat building & repairing	3.6	3.8	7.3	-0.2	-3.7	381.78	391.79	404.04	37.8	38.6	42.0	10.10	10.15	9.62
374	Railroad equipment	12.6	12.4	18.5	0.2	-5.9	406.83	406.51	383.30	38.2	38.9	38.6	10.65	10.45	9.93
	Other transportation equipment	14.2	14.2	13.5	0.0	0.7	361.68	363.74	323.94	41.1	41.1	42.4	8.80	8.85	7.64
38	Instruments & related products	38.2	39.2	40.7	-1.0	-2.5	329.27	325.22	300.24	40.6	40.3	40.3	8.11	8.07	7.45
382	Measuring & controlling devices	19.9	20.5	21.3	-0.6	-1.4	369.37	363.36	319.06	42.9	42.3	40.8	8.61	8.59	7.82
384	Medical instruments & supplies	10.4	10.7	11.2	-0.3	-0.8	285.74	287.28	296.64	37.4	37.8	41.2	7.64	7.60	7.20
	Other instruments & related prod.	7.9	8.0	8.2	-0.1	-0.3	289.69	279.55	258.70	39.2	38.4	38.1	7.39	7.28	6.79
39	Miscellaneous manufacturing industries	20.6	21.0	22.6	-0.4	-2.0	305.21	305.02	303.36	41.3	40.4	41.9	7.39	7.55	7.24

TABLE 7. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL (cont.)

(Employment in Thousands)

Current Month is MARCH 1982

SIC	INDUSTRY TITLE	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
					NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
		CURRENT MONTH	MONTH AGO	YEAR AGO	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO
	TOTAL NONDURABLE GOODS	494.8	497.8	504.0	-3.0	-9.2	$267.04	$267.34	$254.02	37.4	37.6	37.8	$ 7.14	$ 7.11	$ 6.72
20	Food & kindred products	91.6	93.2	93.8	-1.6	-2.2	305.28	309.29	298.28	38.4	39.3	40.2	7.95	7.87	7.42
201	Meat products	14.4	14.8	15.1	-0.4	-0.7	288.04	292.93	293.14	38.1	37.7	39.4	7.56	7.77	7.44
2011	Meat packing plants	4.7	4.8	4.6	-0.1	0.1	343.10	343.88	341.42	40.7	40.6	40.5	8.43	8.47	8.43
2013	Sausages & other prepared meats	4.9	5.1	5.4	-0.2	-0.5	329.87	355.16	340.47	37.4	38.9	39.0	8.82	9.13	8.73
2016,7	Poultry dressing & processing	4.8	4.9	5.1	-0.1	-0.3	202.92	190.29	210.30	36.3	33.8	38.8	5.59	5.63	5.42
202	Dairy products	10.5	10.5	11.0	0.0	-0.5	311.83	301.26	295.22	41.8	41.1	42.6	7.46	7.33	6.93
2026	Fluid milk	5.7	5.6	6.0	0.1	-0.3	334.91	333.63	335.23	41.5	41.6	43.2	8.07	8.02	7.76
	Other dairy products	4.8	4.9	5.0	-0.1	-0.2	294.70	278.26	266.70	42.1	40.8	42.2	7.00	6.82	6.32
203	Preserved fruits & vegetables	10.6	11.4	11.9	-0.8	-1.3	265.61	296.74	277.93	35.7	40.1	39.2	7.44	7.40	7.09
2033	Canned fruits & vegetables	3.8	4.2	4.5	-0.4	-0.7	202.88	221.57	208.68	36.1	38.4	37.6	5.62	5.77	5.55
	Other preserved fruits & vegetables	6.8	7.2	7.4	-0.4	-0.6	300.55	343.20	322.81	35.4	41.2	40.2	8.49	8.33	8.03
204	Grain mill products	5.5	5.5	4.8	0.0	0.7	347.94	329.04	302.54	40.6	39.5	40.5	8.57	8.33	7.47
205	Bakery products	18.2	18.1	17.5	0.1	0.7	307.42	298.62	294.98	38.0	37.8	40.8	8.09	7.90	7.23
2051	Bread, cake & related prod.	13.6	13.5	13.2	0.1	0.4	313.43	297.70	281.71	37.9	37.4	39.4	8.27	7.96	7.15
2052	Cookies & crackers	4.6	4.6	4.3	0.0	0.3	293.38	300.31	324.72	38.2	38.6	44.0	7.68	7.78	7.38
206	Sugar & confectionery prod.	14.7	15.2	15.7	-0.5	-1.0	332.90	336.00	317.20	38.8	40.0	40.0	8.58	8.40	7.93
2065	Confectionery prod.	6.5	6.9	7.1	-0.4	-0.6	281.51	284.26	257.57	38.3	39.1	38.5	7.35	7.27	6.69
2066	Chocolate & cocoa prod.	6.1	6.3	6.0	-0.2	0.1	357.88	380.69	342.66	38.9	41.2	40.6	9.20	9.24	8.44
	Other sugar prod.	2.1	2.0	2.6	0.1	-0.5	455.39	420.55	452.13	40.3	39.9	43.6	11.30	10.54	10.37
208	Beverages	9.1	9.1	9.0	0.0	0.1	377.52	392.12	362.39	38.8	40.3	40.4	9.73	9.73	8.97
	Other food & kindred products	8.6	8.6	8.8	0.0	-0.2	249.38	260.90	255.50	37.9	40.2	40.3	6.58	6.49	6.34
21	Tobacco manufacturers	2.9	2.9	3.1	0.0	-0.2	197.11	197.89	181.16	38.2	38.5	38.3	5.16	5.14	4.73
22	Textile mill products	40.3	41.1	42.2	-0.8	-1.9	213.36	207.12	205.21	37.3	36.4	38.5	5.72	5.69	5.33
222	Weaving mills, synthetics	4.5	4.6	5.0	-0.1	-0.5	236.99	214.56	235.87	40.1	36.0	43.2	5.91	5.96	5.46
225	Knitting mills	20.3	20.9	20.8	-0.6	-0.5	195.25	190.01	189.07	35.5	34.8	37.0	5.50	5.46	5.11
2253	Knit outerwear mills	10.9	11.4	11.1	-0.5	-0.2	187.95	189.91	192.91	35.0	35.3	37.9	5.37	5.38	5.09
2254	Knit underwear mills	4.2	4.4	4.9	-0.2	-0.7	178.52	178.19	165.33	34.8	34.6	34.3	5.13	5.15	4.82
	Other knitting mills	5.2	5.1	4.8	0.1	0.4	223.48	200.60	205.09	37.0	34.0	37.7	6.04	5.90	5.44
227	Floor covering mills	3.4	3.4	3.5	0.0	-0.1	274.66	265.95	247.04	38.2	37.3	38.3	7.19	7.13	6.45
228	Yarn & thread mills	3.1	3.3	4.0	-0.2	-0.9	183.17	187.12	197.88	36.2	37.2	38.8	5.06	5.03	5.10
	Other textile mill prod.	9.0	8.9	8.9	0.1	0.1	236.38	236.00	218.28	40.2	40.0	39.4	5.88	5.90	5.54
23	Apparel & other textile products	123.4	123.8	122.3	-0.4	1.1	176.69	177.02	166.62	33.4	33.4	32.8	5.29	5.30	5.08
231	Men's & boys' suits & coats	16.1	16.2	16.3	-0.1	-0.2	229.74	226.88	214.46	36.7	36.3	35.1	6.26	6.25	6.11
232	Men's & boys' furnishings	19.9	19.7	19.7	0.2	0.2	176.90	177.32	169.19	35.1	34.7	34.6	5.04	5.11	4.89
2321	Men's & boys' shirts & nightwear	7.3	7.3	7.2	0.0	0.1	180.18	184.14	167.79	36.4	37.2	35.7	4.95	4.95	4.70
2327	Men's & boys' separate trousers	4.3	4.3	4.5	0.0	-0.2	191.35	195.94	189.75	35.9	36.9	34.5	5.33	5.31	5.50
	Other furnishings & work clothing	8.3	8.1	8.0	0.2	0.3	166.50	160.68	158.73	33.5	31.2	33.7	4.97	5.15	4.71
233	Women's & misses' outerwear	58.0	58.2	56.6	-0.2	1.4	167.88	169.05	154.53	32.1	32.2	30.6	5.23	5.25	5.05
234	Women's & children's undergarments	10.0	10.0	10.0	0.0	0.0	154.55	158.79	157.09	32.4	33.5	35.3	4.77	4.74	4.45
236	Children's outerwear	7.8	8.0	7.5	-0.2	0.3	164.54	163.33	154.67	31.4	31.9	31.5	5.24	5.12	4.91
	Other apparel & textile prod.	11.6	11.7	12.2	-0.1	-0.6	174.54	172.16	168.62	34.7	34.5	35.8	5.03	4.99	4.71

TABLE 7. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL (concl.)

(Employment in Thousands)

Current Month is MARCH 1982

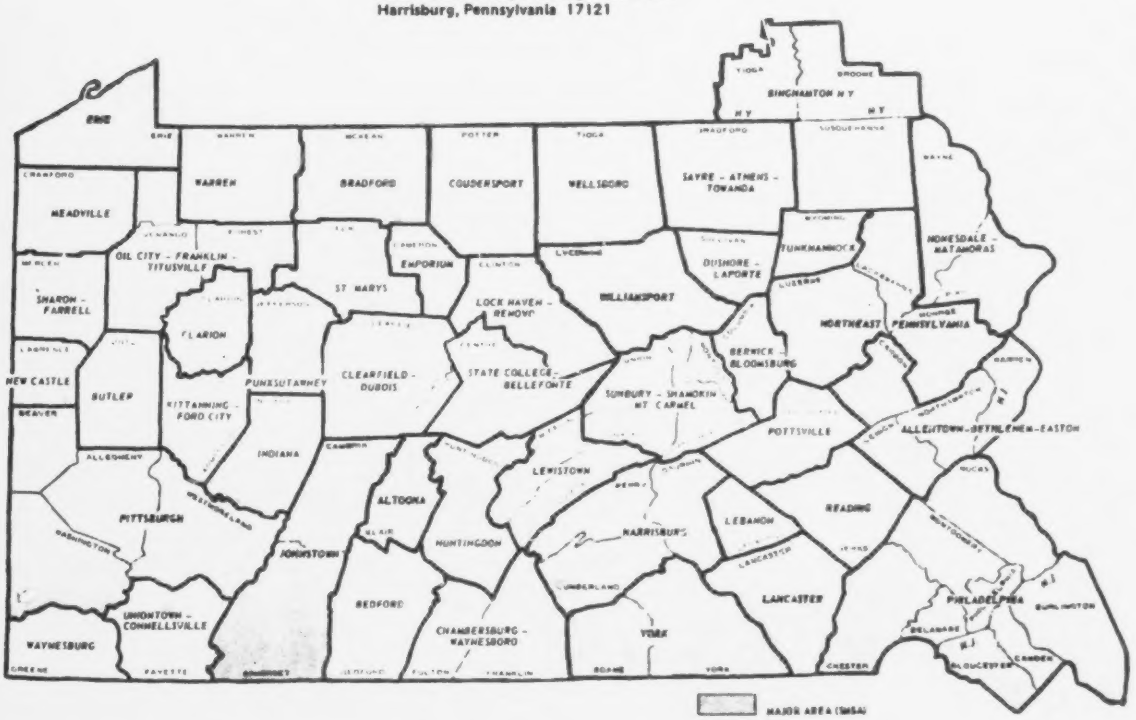
SIC	INDUSTRY TITLE	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
					NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
		CURRENT MONTH	MONTH AGO	YEAR AGO	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO	CURRENT MONTH	MONTH AGO	YEAR AGO
26	Paper & allied products	40.3	40.4	41.5	-0.1	-1.2	$331.14	$332.21	$311.61	42.4	42.7	43.4	$ 7.81	$ 7.78	$ 7.19
262	Paper mills exc. building paper	10.9	10.9	11.4	0.0	-0.5	426.79	424.41	400.35	46.9	47.0	47.1	9.10	9.03	8.50
265	Paper board containers & boxes	13.4	13.5	13.5	-0.1	-0.1	312.42	315.97	298.98	39.9	40.2	40.9	7.83	7.86	7.31
2653	Corrugated & solid fiber boxes	6.8	6.9	7.1	-0.1	-0.3	320.78	328.45	312.07	39.7	40.7	40.9	8.08	8.07	7.63
	Other paperboard containers	6.6	6.6	6.4	0.0	-0.2	303.60	303.71	285.48	40.0	39.7	40.9	7.59	7.65	6.98
	Other paper & allied products	16.0	16.0	16.6	0.0	-0.6	299.62	301.31	279.24	42.2	42.8	43.7	7.10	7.04	6.39
27	Printing & publishing	73.7	73.3	73.0	0.4	0.7	331.66	330.11	306.94	38.7	38.7	37.8	8.57	8.53	8.12
271	Newspapers	23.4	23.3	23.4	0.1	0.0	311.22	318.42	290.38	34.2	34.8	32.3	9.10	9.15	8.99
273	Books	6.0	6.0	6.1	0.0	-0.1	300.29	313.03	270.24	39.1	40.6	39.8	7.68	7.71	6.79
275	Commercial printing	22.3	22.0	21.8	0.3	0.5	358.90	349.36	335.81	40.1	39.7	39.6	8.95	8.80	8.48
2752	Lithographing	12.9	12.6	12.4	0.3	0.5	389.05	375.17	337.65	40.4	39.7	38.9	9.63	9.45	8.68
	Other commercial printing	9.4	9.4	9.4	0.0	0.0	321.59	316.01	334.54	39.9	39.6	40.6	8.06	7.98	8.24
276	Manifold business forms	4.3	4.3	4.3	0.0	0.0	362.10	364.53	321.44	42.7	43.5	41.0	8.48	8.38	7.84
	Other printing & publishing	17.7	17.7	17.4	0.0	0.3	310.42	311.50	288.04	38.9	38.6	37.9	7.98	8.07	7.60
28	Chemicals & allied products	58.7	59.0	60.2	-0.3	-1.5	370.47	376.57	349.25	40.4	41.2	40.8	9.17	9.14	8.56
281	Industrial inorganic chemicals	9.7	9.7	10.1	0.0	-0.4	380.48	385.02	356.01	41.0	41.4	41.3	9.28	9.30	8.62
282	Plastic materials & synthetics	7.8	7.9	8.2	-0.1	-0.4	375.94	381.02	336.01	38.4	39.2	38.8	9.79	9.72	8.66
283	Drugs	18.2	18.3	17.8	-0.1	0.4	387.83	390.85	362.90	38.9	39.4	38.2	9.97	9.92	9.50
284	Soap, cleaners & toilet goods	3.2	3.1	3.2	0.1	0.0	345.40	349.87	322.47	44.0	44.4	45.1	7.85	7.88	7.15
285	Paints & allied products	4.1	4.1	4.3	0.0	-0.2	358.52	356.07	323.99	41.4	41.5	39.9	8.66	8.58	8.12
	Other chemicals & allied prod.	15.7	15.9	16.6	-0.2	-0.9	358.07	368.94	353.10	41.3	42.8	42.8	8.67	8.62	8.25
29	Petroleum & coal products	15.8	15.7	16.5	0.1	-0.7	503.64	498.04	466.73	41.9	41.4	42.2	12.02	12.03	11.06
291	Petroleum refining	12.7	12.7	13.4	0.0	-0.7	530.46	522.07	489.41	42.1	41.5	42.3	12.60	12.58	11.57
	Other petroleum & coal prod.	3.1	3.0	3.1	0.1	0.0	393.33	390.86	359.52	41.1	40.8	42.0	9.57	9.58	8.56
30	Rubber & misc. plastics products	33.9	33.9	35.6	0.0	-1.7	292.01	290.79	261.74	40.5	40.5	39.9	7.21	7.18	6.56
301	Tires & inner tubes	3.5	3.2	3.4	0.3	0.1	397.99	378.55	370.65	41.5	40.4	42.8	9.59	9.37	8.66
306	Fabricated rubber prod., n.e.c.	4.1	4.1	4.4	0.0	-0.3	361.12	362.42	324.95	43.3	43.3	42.7	8.34	8.37	7.61
	Other rubber & plastic prod., n.e.c.	26.3	26.6	27.8	-0.3	-1.5	274.28	274.57	243.27	40.1	40.2	39.3	6.84	6.83	6.19
31	Leather & leather products	14.2	14.5	15.8	-0.3	-1.6	184.79	180.54	185.65	35.4	35.4	38.2	5.22	5.10	4.86
314	Footwear, exc. rubber	10.8	10.9	12.0	-0.1	-1.2	171.27	169.61	170.00	34.6	34.9	37.2	4.95	4.86	4.57
3143	Men's footwear, exc. athletic	3.8	3.9	4.3	-0.1	-0.5	182.70	179.99	187.39	35.0	35.5	38.4	5.22	5.07	4.88
3144	Women's footwear, exc. athletic	3.1	3.1	3.6	0.0	-0.5	173.15	172.20	159.64	34.7	35.0	36.2	4.99	4.92	4.41
	Other footwear	3.9	3.9	4.1	0.0	-0.2	159.03	158.12	160.01	34.2	34.3	36.7	4.65	4.61	4.36
	Other leather & leather prod.	3.4	3.6	3.8	-0.2	-0.4	230.51	215.34	235.31	38.1	37.0	41.5	6.05	5.82	5.67
	SELECTED NONMANUFACTURING INDUSTRIES														
11	Anthracite Mining	3.5	3.5	3.5	0.0	0.0	430.68	427.80	362.51	42.1	41.9	42.3	10.23	10.21	8.57
12	Bituminous coal & lignite mining	34.7	34.5	34.6	0.2	0.1	507.12	479.49	368.96	40.7	38.7	32.0	12.46	12.39	11.53
14	Nonmetallic minerals, exc. fuels	3.2	2.8	4.0	0.4	-0.8	358.39	361.08	356.10	41.1	40.8	42.8	8.72	8.85	8.32
48	Communication	54.4	55.1	55.1	-0.7	-0.7	407.74	410.88	371.91	38.0	38.4	38.7	10.73	10.70	9.61
49	Electric, gas, & sanitary services	48.4	48.5	47.9	-0.1	0.5	467.50	474.05	431.83	42.5	42.9	43.4	11.00	11.05	9.95
491	Electric services	24.4	24.4	24.0	0.0	0.4	447.53	449.43	413.14	42.5	42.6	42.2	10.53	10.55	9.79
492	Gas production & distribution	8.9	9.0	8.9	-0.1	0.0	415.48	411.59	415.67	41.3	41.2	46.6	10.06	9.99	8.92
53	General merchandise stores	116.0	116.1	115.3	-0.1	0.7	153.72	145.80	142.28	28.0	27.0	27.1	5.49	5.40	5.25
60	Banking	80.2	80.3	79.9	-0.1	0.3	209.90	206.92	190.93	INA	INA	INA	INA	INA	INA
63	Insurance carriers	70.6	70.4	70.2	0.2	0.4	258.81	257.40	242.48	INA	INA	INA	INA	INA	INA
631	Life insurance	27.4	27.2	26.8	0.2	0.6	242.33	237.90	227.47	INA	INA	INA	INA	INA	INA
633	Fire, marine & casualty insurance	29.1	29.0	29.1	0.1	0.0	263.88	262.99	238.53	INA	INA	INA	INA	INA	INA

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local Job Service offices or by addressing requests to:

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121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COUDERSPORT
WELLSBORO
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VENANGO
FOREST
ELK
CAMERON
EMPORIUM
CLINTON
LYCOMING
SULLIVAN
WYOMING
TUNKHANNOCK
HONESDALE - MATAMORAS
MERCER
OIL CITY - FRANKLIN - TITUSVILLE
ST MARYS
LOCK HAVEN - RENOVO
WILLIAMSPORT
DUSHORE - LAPORTE
LUZERNE
LACKAWANNA
PIKE
SHARON - FARRELL
CLARION
JEFFERSON
CLEARFIELD
CLARION
CENTRE
MONROE
NORTHEAST PENNSYLVANIA
LAWRENCE
BUTLER
NEW CASTLE
BUTLER
PUNXSUTAWNEY
CLEARFIELD - DUBOIS
STATE COLLEGE - BELLEFONTE
UNION
COLUMBIA
BERWICK - BLOOMSBURG
CARBON
WARREN
BEAVER
KITTANNING - FORD CITY
INDIANA
SUNBURY - SHAMOKIN MT CARMEL
POTTSVILLE
NORTHAMPTON
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LEHIGH
ALLENTOWN-BETHLEHEM-EASTON
ALLEGHENY
INDIANA
CAMBRIA
HUNTINGDON
MIFFLIN
LEWISTOWN
DAUPHIN
BUCKS
WESTMORELAND
PITTSBURGH
ALTOONA
PERRY
LEBANON
READING
WASHINGTON
BLAIR
HUNTINGDON
JOHNSTOWN
HARRISBURG
BERKS
MONTGOMERY
LANCASTER
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PHILADELPHIA
BURLINGTON
UNIONTOWN - CONNELLSVILLE
BEDFORD
CHAMBERSBURG - WAYNESBORO
YORK
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WAYNESBURG
GREENE
FAYETTE
SOMERSET
BEDFORD
FULTON
FRANKLIN
ADAMS
YORK
CHESTER
GLOUCESTER
CAMDEN
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN – BETHLEHEM – EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

TABLE 8. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1971	$140.73	39.2	$3.59	127.3	121.3	$116.02	$ 24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 9. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Current Month is MARCH 1982

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Current Month	Month Ago	Year Ago	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago
MANUFACTURING	840.6	850.6	915.4	32,465.7	33,143.0	36,099.5	276,959.1	283,336.5	293,782.3
DURABLE GOODS	479.5	487.4	547.2	18,954.4	19,489.1	22,175.6	180,467.1	186,229.4	200,216.6
NONDUR. GOODS	361.1	363.2	368.2	13,511.3	13,653.9	13,923.9	96,492.0	97,107.1	93,565.7

TABLE 10. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Current Month is MARCH 1982

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago
PENNSYLVANIA	$329.26	$342.00	$320.72	38.6	40.0	39.4	$ 8.53	$ 8.55	$ 8.14
ALLENTOWN-BETHLEHEM-EASTON	340.49	345.86	324.94	38.3	38.6	38.5	8.89	8.96	8.44
ALTOONA	282.63	280.32	270.07	39.2	38.4	38.2	7.21	7.30	7.07
ERIE	369.41	366.13	341.53	41.0	41.0	41.0	9.01	8.93	8.33
HARRISBURG	314.59	323.70	306.88	38.6	39.0	40.7	8.15	8.30	7.54
JOHNSTOWN	314.84	322.96	328.13	35.9	36.7	37.5	8.77	8.80	8.75
LANCASTER	289.17	288.80	279.18	37.8	38.1	39.6	7.65	7.58	7.05
NORTHEAST	247.38	250.79	226.55	37.2	37.6	36.6	6.65	6.67	6.19
PHILADELPHIA	343.26	339.95	324.41	39.5	39.3	40.1	8.69	8.65	8.09
PITTSBURGH	401.44	417.75	401.96	38.6	39.9	41.1	10.40	10.47	9.78
READING	309.32	306.75	305.52	38.0	38.2	40.2	8.14	8.03	7.60
WILLIAMSPORT	315.56	331.70	298.10	39.2	40.5	39.8	8.05	8.19	7.49
YORK	317.19	316.79	298.89	40.1	40.1	41.0	7.91	7.90	7.29

TABLE 11. RESIDENT EMPLOYMENT AND UNEMPLOYMENT MAJOR LABOR MARKET AREAS

Current Month is March 1982

Area	Rate of Unemployment					
	Current Month		One Month Ago		One Year Ago	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	9.5	9.0	9.6	8.8	7.7	7.3
PENNSYLVANIA	10.6	10.1	11.0	10.3	7.9	7.4
ALLENTOWN-BETH-EASTON	10.5	10.3	11.2	10.6	8.4	7.9
ALTOONA	13.7	12.8	14.0	12.4	11.8	10.8
ERIE	11.9	11.4	12.4	11.6	9.6	9.0
HARRISBURG	6.8	6.5	7.6	7.1	5.8	5.4
JOHNSTOWN	15.7	15.0	16.4	15.3	12.6	11.4
LANCASTER	7.9	7.8	8.0	7.3	5.4	5.2
NORTHEAST	11.8	11.4	12.0	11.1	9.8	9.0
PHILADELPHIA	9.0	8.9	9.2	9.0	7.0	6.8
PITTSBURGH	10.3	10.0	10.6	9.8	7.1	6.7
POTTSVILLE	13.7	-	14.8	-	9.9	-
READING	10.4	9.9	10.3	9.7	7.8	7.1
UNIONTOWN-CONNELLSVLE	16.4	-	17.7	-	11.4	-
WILLIAMSPORT	13.2	12.7	13.3	12.3	11.9	10.9
YORK	10.1	9.9	10.6	9.6	7.4	7.2

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago
UNITED STATES	108761.0	108324.0	107634.0	98471.0	97946.0	99364.0	10290.0	10378.0	8271.0
PENNSYLVANIA	5399.0	5448.0	5474.0	4827.0	4850.0	5042.0	572.0	598.0	432.0
ALLENTOWN-BETH-EASTON	306.9	309.0	314.1	274.8	274.3	287.9	32.1	34.7	26.2
ALTOONA	56.9	56.7	58.3	49.1	48.8	51.4	7.8	7.9	6.9
ERIE	122.5	124.2	125.6	108.0	108.9	113.5	14.5	15.4	12.1
HARRISBURG	234.1	237.0	235.1	218.2	219.0	221.6	15.8	18.0	13.5
JOHNSTOWN	104.6	106.2	107.9	88.1	88.7	94.4	16.4	17.5	13.6
LANCASTER	182.4	182.7	183.1	167.9	168.1	173.2	14.5	14.6	9.8
NORTHEAST	284.8	286.2	290.1	251.2	251.8	261.5	33.6	34.3	28.6
PHILADELPHIA	2162.4	2158.7	2190.5	1967.9	1959.4	2037.3	194.5	199.2	153.1
PITTSBURGH	1012.0	1024.2	1037.5	907.4	915.5	963.3	104.6	108.7	74.2
POTTSVILLE	65.6	66.5	68.1	56.6	56.6	61.3	9.0	9.9	6.8
READING	158.4	159.7	158.8	141.9	143.3	146.4	16.5	16.4	12.4
UNIONTOWN-CONNELLSVLE	60.1	61.2	59.3	50.3	50.4	52.5	9.8	10.8	6.8
WILLIAMSPORT	53.0	53.4	53.8	46.0	46.3	47.4	7.0	7.1	6.4
YORK	177.6	179.7	178.7	159.7	160.7	165.4	17.9	19.0	13.2

Table 12. **EMPLOYMENT IN MAJOR LABOR MARKET AREAS**

Current Month is March 1982 **ESTABLISHMENT DATA (Number of Jobs)**

(Thousands)

1/ STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	1/ Nonagricultural Wage and Salary			Private Sector *		
	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago
UNITED STATES	90255.0	89964.0	90720.0	74074.0	73852.0	74227.0
PENNSYLVANIA	4583.8	4578.7	4700.5	3876.0	3872.6	3960.5
ALLENTOWN-BETHLEHEM-EASTON	255.0	254.0	261.9	225.6	224.6	231.4
ALTOONA	47.9	47.3	49.1	39.8	39.5	41.2
ERIE	106.5	106.8	109.8	95.1	95.7	95.7
HARRISBURG	223.5	223.0	222.0	162.3	161.7	162.4
JOHNSTOWN	78.8	78.9	82.6	63.9	64.2	67.6
LANCASTER	150.0	149.5	151.7	134.6	134.2	135.7
NORTHEAST	232.8	232.0	237.5	194.3	193.9	197.5
PHILADELPHIA	1893.3	1885.0	1923.3	1598.6	1590.6	1614.3
PITTSBURGH	898.6	901.4	933.4	778.8	781.5	811.3
POTTSVILLE	44.5	44.3	47.3	37.7	37.5	39.4
READING	136.3	136.8	137.4	119.3	119.9	119.7
UNIONTOWN-CONNELLSVILLE	33.5	33.4	34.5	27.7	27.6	27.9
WILLIAMSPORT	45.5	45.6	45.9	39.0	39.1	39.0
YORK	151.5	151.8	153.5	133.8	134.2	135.3

Area	Manufacturing			Nonmanufacturing		
	Current Month	One Month Ago	One Year Ago	Current Month	One Month Ago	One Year Ago
UNITED STATES	19352.0	19410.0	20160.0	70903.0	70554.0	70560.0
PENNSYLVANIA	1214.9	1227.7	1294.4	3363.9	3346.0	3399.0
ALLENTOWN-BETHLEHEM-EASTON	98.8	98.7	103.8	156.2	155.3	157.7
ALTOONA	12.0	11.9	12.3	35.8	35.4	36.8
ERIE	39.6	40.1	40.4	66.8	66.6	69.4
HARRISBURG	40.7	40.6	41.3	182.8	182.4	180.7
JOHNSTOWN	15.0	15.4	17.6	63.8	63.5	64.9
LANCASTER	56.3	57.2	58.8	93.7	92.3	92.9
NORTHEAST	66.2	66.5	69.2	166.4	165.4	168.1
PHILADELPHIA	410.5	412.9	431.5	1482.6	1471.7	1490.8
PITTSBURGH	209.1	213.8	237.5	685.3	683.4	694.1
POTTSVILLE	18.3	18.2	18.9	26.2	26.0	27.7
READING	51.3	52.0	52.0	85.0	84.8	85.1
UNIONTOWN-CONNELLSVILLE	6.7	6.8	7.3	26.7	26.6	27.2
WILLIAMSPORT	15.9	16.0	15.8	29.6	29.6	30.1
YORK	62.4	63.2	63.9	89.1	88.6	89.6

* Excludes Government employment

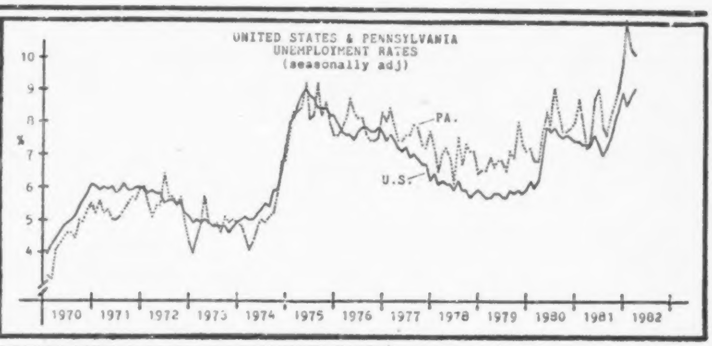
6/22/82 S6845-1 a

PENNSYLVANIA
EMPLOYMENT AND EARNINGS

MAY 1982 Vol. XXVII No. 5

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	April 1982	March 1982	April 1981
Civilian Labor Force	5423	5399	5400
Employment	4867	4827	5026
Unemployment (Unadjusted)	557	572	374
%Civilian Labor Force	10.3	10.6	6.9
Unemployment (Seas. Adj.)	589	549	404
%Civilian Labor Force	10.7	10.1	7.4



EMPLOYMENT UP - UNEMPLOYMENT DOWN

Jobholding Pennsylvanians numbered 4,867,000 in April, 40,000 more than last month, but 159,000 less than a year ago.

Unadjusted unemployment declined to 557,000 in April, down 15,000 from March. This reduced the unadjusted rate to 10.3 percent in April, a drop from March's 10.6 percent and January's 1982 high of 11.8 percent.

Seasonally adjusted unemployment moved up to 589,000 in April, 40,000 more than in March. This forced the adjusted rate to 10.7 percent, up from the March rate of 10.1 percent.

Nationwide, the April unadjusted rate was 9.4 percent and the adjusted rate 9.2 percent.

MANUFACTURING EMPLOYMENT AFFECTED BY DURABLE GOODS

Manufacturing employment was down 11,200, slipping from a March figure of 1,216,000 to 1,204,800. Durable goods fell by 7,900 - big losers were primary metals 3,500, electrical machinery 2,500 and nonelectrical machinery 2,300.

Nondurable goods had a small downswing of 3,300 jobs, the bulk of the loss, 1,400, in apparel. Petroleum and rubber products posted slight gains.

MANUFACTURING - HOURS DOWN - HOURLY RATES UP

Average weekly hours in manufacturing declined from 38.7 in March to 38.2 in April. Although the hourly rate increased by one cent to $8.55 in April, the loss in hours worked dropped average weekly earnings to $326.61, a loss of $3.92 from the previous month.

In durable goods, average weekly hours contracted, and, although hourly rates rose, weekly earnings declined from the previous month by $6.28 to $372.06.

Fabricated metal products, instruments, and electric and electronic equipment were the chief contributors to the decline in hours worked. Although there was an over-all increase in hourly rates, lumber products and instruments moved in the opposite direction and posted declines of 11 and 12 cents per hour.

Nondurable goods followed a similar pattern, hours down, but hourly rates up enough to raise weekly earnings over the previous month. Apparel, food products, rubber products and printing and publishing were principally responsible for the decline in hours. Tobacco products posted a 20 cent per hour increase, followed by rubber products with a 9 cent increase and food and paper products, 7 and 6 cents respectively.

NONMANUFACTURING EMPLOYMENT CLIMBING

Nonmanufacturing jobs were up by 22,400 in April. This is the third consecutive month that nonmanufacturing employment has increased. Pacing the increase was contract construction with a gain of 7,500, followed by retail trade 7,200, services 6,500 and government 1,800. The only loser in nonmanufacturing was wholesale trade, with a drop-off of 1,800 jobs. The decline in wholesale trade could be due to inventory workoff.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF LABOR AND INDUSTRY
In cooperation with the United States Department of Labor
OFFICE OF EMPLOYMENT SECURITY

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

SIC	ESTABLISHMENT DATA#	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
					NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
		APRIL 1982	MARCH 1982	APRIL 1981	MARCH 1982	APRIL 1981	APRIL 1982	MARCH 1982	APRIL 1981	APRIL 1982	MARCH 1982	APRIL 1981	APRIL 1982	MARCH 1982	APRIL 1981
	Nonagricultural wage and salary	4589.1	4577.9	4731.5	11.2	-142.4									
	Manufacturing	1204.8	1216.0	1304.8	-11.2	-100.0	$326.61	$330.50	$323.05	38.2	38.7	39.3	$ 8.55	$ 8.54	$ 8.22
	Durable goods	713.0	720.9	795.9	-7.9	-82.9	372.06	378.34	368.96	39.0	39.7	40.5	9.54	9.53	9.11
24	Lumber and wood products	18.9	18.5	20.0	0.4	-1.1	258.72	259.54	251.91	38.5	38.0	41.5	6.72	6.83	6.07
25	Furniture and fixtures	17.5	17.2	18.8	0.3	-1.3	268.80	265.73	255.46	37.7	37.8	38.3	7.13	7.03	6.67
32	Stone, clay and glass products	53.0	52.2	56.9	0.8	-3.9	362.64	357.41	355.21	40.7	40.8	42.9	8.91	8.76	8.28
33	Primary metals	155.5	159.0	186.7	-3.5	-31.2	442.38	447.98	467.57	37.3	37.9	40.1	11.86	11.82	11.66
34	Fabricated metal products	99.8	101.1	109.5	-1.3	-9.7	349.46	358.49	334.06	38.7	39.7	40.2	9.03	9.03	8.31
35	Nonelectrical machinery	135.4	137.7	142.9	-2.3	-7.5	374.53	380.78	357.11	40.1	40.9	41.0	9.34	9.31	8.71
36	Electrical machinery	107.9	110.4	117.7	-2.5	-9.8	323.75	332.05	315.43	39.1	40.2	40.7	8.28	8.26	7.75
37	Transportation equipment	65.7	65.7	79.4	0.0	-13.7	435.08	436.56	380.56	40.7	40.8	39.6	10.69	10.70	9.61
38	Instruments and related products	38.3	38.5	40.9	-0.2	-2.6	311.24	327.24	301.38	39.1	40.5	40.4	7.96	8.08	7.46
39	Miscellaneous manufactures	21.0	20.6	23.1	0.4	-2.1	298.19	303.89	310.28	39.6	40.9	42.1	7.53	7.43	7.37
	Nondurable goods	491.8	495.1	508.9	-3.3	-17.1	267.10	267.04	254.32	37.2	37.4	37.4	7.18	7.14	6.80
20	Food products	91.0	91.8	94.1	-0.8	-3.1	307.55	306.46	297.04	38.3	38.5	39.5	8.03	7.96	7.52
21	Tobacco products	2.5	2.9	3.1	-0.4	-0.6	205.29	197.11	184.32	38.3	38.2	38.4	5.36	5.16	4.80
22	Textile products	40.4	40.5	43.6	-0.1	-3.2	213.38	212.98	207.13	37.5	37.3	38.5	5.69	5.71	5.38
23	Apparel and related products	121.8	123.2	124.5	-1.4	-2.7	172.66	176.69	163.89	32.7	33.4	31.7	5.28	5.29	5.17
26	Paper products	40.3	40.3	41.5	0.0	-1.2	337.19	332.28	311.61	42.9	42.6	43.1	7.86	7.80	7.23
27	Printing and publishing	73.2	73.8	73.4	-0.6	-0.2	329.95	332.13	311.76	38.5	38.8	38.3	8.57	8.56	8.14
28	Chemical products	58.5	58.6	60.1	-0.1	-1.6	368.23	369.44	355.97	40.2	40.2	41.2	9.16	9.19	8.64
29	Petroleum and coal products	16.0	15.8	16.8	0.2	-0.8	506.88	502.07	482.80	42.1	41.7	43.3	12.04	12.04	11.15
30	Rubber and misc. plastics products	34.0	33.9	35.8	0.1	-1.8	291.60	292.32	265.07	40.0	40.6	39.8	7.29	7.20	6.66
31	Leather products	14.1	14.3	16.0	-0.2	-1.9	183.70	182.85	181.61	35.6	35.3	37.6	5.16	5.18	4.83
	Nonmanufacturing	3384.3	3361.9	3426.7	22.4	-42.4									
10-14	Mining	47.8	47.0	28.2	0.8	19.6									
15-17	Contract construction	160.8	153.3	178.2	7.5	-17.4									
40-47	Transportation	140.1	140.1	158.0	0.0	-17.9									
48	Communication	54.4	54.4	55.0	0.0	-0.6									
49	Electric, gas and sanitary services	48.8	48.5	48.1	0.3	0.7									
50-51	Wholesale trade	237.2	239.0	245.1	-1.8	-7.9									
52-59	Retail trade	730.7	723.5	738.6	7.2	-7.9									
53	General merchandise stores	115.9	115.7	115.7	0.2	0.2									
60-67	Finance, insurance and real estate	240.8	240.7	239.8	0.1	1.0									
60	Banking	80.0	80.2	79.9	-0.2	0.1									
63	Insurance	70.4	70.5	69.8	-0.1	0.6									
70-89	Service and miscellaneous	1018.5	1012.0	1007.1	6.5	11.4									
73	Business services	131.8	132.8	136.4	-1.0	-4.6									
80	Health services	342.8	342.9	331.2	-0.1	11.6									
806	Hospitals	210.8	211.0	201.4	-0.2	9.4									
82	Educational services	133.7	137.0	134.0	-3.3	-0.3									
	Government	705.2	703.4	728.6	1.8	-23.4									
	Federal	135.0	134.4	132.7	0.6	2.3									
	State and local	570.2	569.0	595.9	1.2	-25.7									
	Persons in labor-management disputes	5.6	5.0	28.3	0.6	-22.7									

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1980, are benchmarked to first quarter 1981. Prior years are not, therefore, strictly comparable.

Due to budgetary constraints, the Pennsylvania Employment and Earnings will be published in a complete format only four times annually; April, July, October and January. The reduced format of the current issue will be published in all other months. If more complete data are needed during those months, contact (717) 787-3129.

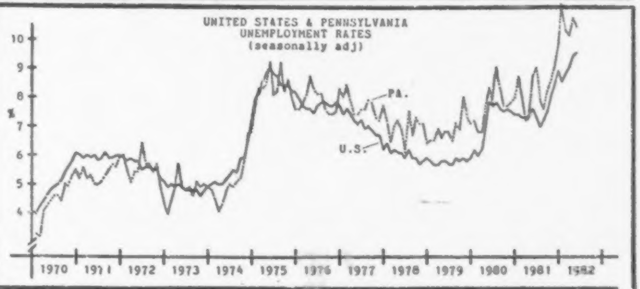
S6845-1

PENNSYLVANIA EMPLOYMENT AND EARNINGS

JUNE 1982 Vol. XXVII No. 6

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	May 1982	April 1982	May 1981
Civilian Labor Force	5409	5423	5443
Employment	4880	4867	5019
Unemployment (Unadjusted)	529	557	424
% Civilian Labor Force	9.8	10.3	7.8
Unemployment (Seas. Adj.)	568	589	466
% Civilian Labor Force	10.4	10.7	8.5



EMPLOYMENT CLIMBING - UNEMPLOYMENT DOWN

Employment in Pennsylvania climbed to 4,880,000 in May, a 13,000 gain over April, but 139,000 less than a year ago.

Unadjusted unemployment dipped to 529,000 in May, 28,000 below April's 557,000. The unadjusted rate fell to 9.8 percent in May, down from the previous month's 10.3 percent.

Seasonally adjusted unemployment edged lower to 568,000 in May - a decline of 21,000 from April. The adjusted rate receded to 10.4 percent, off from April's rate of 10.7 percent.

Nationwide, the May unadjusted rate was 9.1 percent and the seasonally adjusted rate was 9.5 percent.

MANUFACTURING EMPLOYMENT SLIPS

May manufacturing employment was 1,186,000, down 14,300 from April's level of 1,200,800. Durable goods declined 13,800 - big losers were primary metals 6,700, nonelectrical machinery 2,900, transportation equipment 1,700 and electrical machinery 1,400. Lumber products and stone, clay and glass products posted employment gains.

Nondurable goods had a minimal loss of 500 jobs, slipping from 491,000 in April to 490,500 in May. Apparel, paper products, printing and publishing, and chemical products had sizeable losses; leather products was the big gainer, 900 jobs.

MANUFACTURING - HOURS STEADY - HOURLY RATES DECLINE

Average weekly hours in manufacturing held at April's level of 38.1, but the average hourly rate dropped from $8.56 in April to $8.55 in May. Consequently, average weekly earnings in manufacturing declined from $326.14 in April to $325.76 in May.

In durable goods, average hourly earnings did not change, but average weekly hours dropped, reducing average weekly earnings from the previous month by $1.91 to $370.15.

Although average hourly earnings in durable goods has not changed in the last 60 days, the following industries posted substantial average hourly gains in May: instruments, 28 cents; transportation equipment, 21 cents; lumber products and electric products, 11 cents each.

Nondurable goods gained in both average weekly hours and average hourly earnings, pushing average weekly earnings to $267.84, an increase of $2.53 over April.

Chemicals led the advance in hourly earnings with a gain of 13 cents, followed by paper products with 12 cents and rubber products, 9 cents. Food products paced the weekly hours increase with an advance of 1 hour.

NONMANUFACTURING EMPLOYMENT ADVANCES

Nonmanufacturing jobs were up by 27,900, the fourth consecutive month that this category has increased. Contract construction advanced by 11,400 jobs, followed by retail trade with 9,200, services 5,400, finance, insurance and real estate 1,200, and government 1,100.

Declining industries in nonmanufacturing were mining 500, communications 100, wholesale trade 700, general merchandise stores 900, and educational services 700.

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

SIC	ESTABLISHMENT DATA#	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
					NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
		MAY 1982	APRIL 1982	MAY 1981	APRIL 1982	MAY 1981	MAY 1982	APRIL 1982	MAY 1981	MAY 1982	APRIL 1982	MAY 1981	MAY 1982	APRIL 1982	MAY 1981
	Nonagricultural wage and salary	4598.8	4585.2	4754.5	13.6	-155.7									
	Manufacturing	1186.5	1200.8	1307.7	-14.3	-121.2	$ 325.76	$ 326.14	$ 324.26	38.1	38.1	39.4	$ 8.55	$ 8.56	$ 8.23
	Durable goods	696.0	709.8	798.5	-13.8	-102.5	370.15	372.06	367.54	38.8	39.0	40.3	9.54	9.54	9.12
24	Lumber and wood products	19.2	18.8	20.4	0.4	-1.2	253.76	247.66	260.15	37.1	36.8	42.3	6.84	6.73	6.15
25	Furniture and fixtures	16.9	17.5	18.9	-0.6	-2.0	268.42	264.79	263.35	38.4	37.4	38.9	6.99	7.08	6.77
32	Stone, clay and glass products	53.3	52.9	57.6	0.4	-4.3	366.06	358.67	357.38	40.9	40.3	42.8	8.95	8.90	8.35
33	Primary metals	145.7	152.4	186.4	-6.7	-40.7	431.07	439.70	444.27	36.5	37.2	38.2	11.81	11.82	11.63
34	Fabricated metal products	99.1	99.6	109.9	-0.5	-10.8	358.60	355.39	339.73	39.8	39.4	40.3	9.01	9.02	8.43
35	Nonelectrical machinery	132.1	135.0	143.2	-2.9	-11.1	368.24	373.33	365.62	39.3	40.1	41.5	9.37	9.31	8.81
36	Electrical machinery	107.2	108.6	118.0	-1.4	-10.8	330.33	324.37	316.61	39.0	38.8	40.8	8.47	8.36	7.76
37	Transportation equipment	64.2	65.9	79.8	-1.7	-15.6	436.51	437.78	387.03	39.9	40.8	39.9	10.94	10.73	9.70
38	Instruments and related products	37.5	38.1	41.5	-0.6	-4.0	329.87	312.34	311.54	39.6	38.8	41.1	8.33	8.05	7.58
39	Miscellaneous manufactures	20.8	21.0	22.8	-0.2	-2.0	305.86	298.54	311.64	41.0	39.7	42.4	7.46	7.52	7.35
	Nondurable goods	490.5	491.0	509.2	-0.5	-18.7	267.84	265.31	260.60	37.2	36.9	38.1	7.20	7.19	6.84
20	Food products	90.3	90.1	93.4	0.2	-3.1	315.15	306.32	311.54	39.1	38.1	41.1	8.06	8.04	7.58
21	Tobacco products	2.7	2.5	3.1	0.2	-0.4	200.97	203.90	188.37	38.5	37.9	39.0	5.22	5.38	4.83
22	Textile products	40.6	40.4	43.2	0.2	-2.6	219.27	214.89	210.92	38.2	37.7	38.7	5.74	5.70	5.45
23	Apparel and related products	120.9	121.7	124.6	-0.8	-3.7	173.71	172.78	167.83	32.9	32.6	32.4	5.28	5.30	5.18
26	Paper products	40.1	40.5	41.6	-0.4	-1.5	331.23	330.22	319.30	41.3	41.8	43.8	8.02	7.90	7.29
27	Printing and publishing	72.6	73.2	73.4	-0.6	-0.8	319.22	324.14	312.19	37.6	38.0	38.4	8.49	8.53	8.13
28	Chemical products	58.0	58.5	60.1	-0.5	-2.1	380.14	371.16	362.37	40.7	40.3	41.7	9.34	9.21	8.69
29	Petroleum and coal products	16.2	16.0	17.1	0.2	-0.9	518.44	518.81	495.82	42.6	42.7	43.8	12.17	12.15	11.32
30	Rubber and misc. plastics products	34.1	34.0	36.0	0.1	-1.9	298.19	293.14	268.40	39.6	39.4	40.0	7.53	7.44	6.71
31	Leather products	15.0	14.1	16.7	0.9	-1.7	174.76	179.90	181.92	34.2	35.0	37.9	5.11	5.14	4.80
	Nonmanufacturing	3412.3	3384.4	3446.8	27.9	-34.5									
10-14	Mining	45.4	45.7	26.9	-0.3	18.5									
15-17	Contract construction	171.8	160.4	186.8	11.4	-15.0									
40-47	Transportation	140.8	140.4	157.9	0.4	-17.1									
48	Communication	54.1	54.2	55.0	-0.1	-0.9									
49	Electric, gas and sanitary services	49.0	48.7	48.4	0.3	0.6									
50-51	Wholesale trade	236.7	237.4	245.3	-0.7	-8.6									
52-59	Retail trade	738.2	729.0	746.0	9.2	-7.8									
53	General merchandise stores	114.8	115.7	116.1	-0.9	-1.3									
60-67	Finance, insurance and real estate	242.3	241.1	241.1	1.2	1.2									
60	Banking	80.0	80.0	80.0	0.0	0.0									
63	Insurance	70.5	70.4	69.9	0.1	0.6									
70-89	Service and miscellaneous	1027.6	1022.2	1008.8	5.4	18.8									
73	Business services	134.1	132.2	137.3	1.9	-3.2									
80	Health services	344.7	343.0	333.1	1.7	11.6									
806	Hospitals	211.9	210.8	202.4	1.1	9.5									
82	Educational services	128.5	135.5	124.5	-7.0	4.0									
	Government	706.4	705.3	730.6	1.1	-24.2									
	Federal	135.4	134.9	133.1	0.5	2.3									
	State and local	571.0	570.4	597.5	0.6	-26.5									
	Persons in labor-management disputes	5.4	5.6	32.1	-0.2	-26.7									

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1980, are benchmarked to first quarter 1981. Prior years are not, therefore, strictly comparable.

Due to budgetary constraints, the Pennsylvania Employment and Earnings will be published in a complete format only four times annually; April, July, October and January. The reduced format of the current issue will be published in all other months. If more complete data are needed during those months, contact (717) 787-3129.

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

PENNSYLVANIA EMPLOYMENT AND EARNINGS

JULY 1982

Vol. XXVII No. 7

JOB
SERVICE

COMMONWEALTH OF PENNSYLVANIA   DEPARTMENT OF LABOR AND INDUSTRY   OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Bureau of Labor Statistics
BUR 862 (REV 6-81)

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing,to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING - ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 – 787-3129

PENNSYLVANIA EMPLOYMENT AND EARNINGS FOR
JUNE 1982

EMPLOYMENT CLIMBS - SEASONALLY ADJUSTED UNEMPLOYMENT DECLINES

The number of Pennsylvania residents working in June was 4,894,000, an increase of 14,000 over the previous month, but 91,000 less than a year ago.

June's employment was 67,000 higher than March 1982, the end of the first calendar quarter. Employment has been climbing slowly since January when the national recession unduly affected Pennsylvania.

Unemployment was also higher in June, due primarily to students searching for jobs as the civilian labor force grew by 48,000 between May and June. Without adjustment for seasonal influences, unemployment in June was 563,000, up 34,000 from May. The unadjusted unemployment rate climbed to 10.3 percent from the previous month's 9.8 percent.

Without the influence of students in the June labor market, unemployment would likely have fallen from May's level. This is apparent in the seasonally adjusted unemployment level of 526,000 which was 42,000 lower than in May. The seasonally adjusted unemployment rate was 9.7 percent, down from May's rate of 10.4 percent.

Nationwide, the seasonally adjusted rate of unemployment was 9.5 percent, the same rate as the previous month. The unadjusted rate of unemployment rose slightly from 9.1 percent in May to 9.8 percent in June.

MANUFACTURING EMPLOYMENT UP AS NONDURABLE GOODS RISE

Manufacturing employment increased by 1,000 jobs between May and June. This was due to a healthy gain of 4,400 jobs in the nondurable goods sector, raising nondurable goods employment to 496,600. Large gainers in nondurable goods employment between May and June were in food products, 1,100, apparel, 1,100, and paper products, 1,000.

Nondurable goods employment in June was 1,500 higher than at the end of the first calendar quarter in 1982. A positive sign that the economy may be turning around can be noted in the fact that 6 out of the 10 industries in nondurable goods showed employment gains between the first and second quarters of the year. Leather goods gained 1,200, followed by paper with 900, petroleum, 600, rubber products, 500, food products, 400, and textile mill products with 300.

Durable goods employment declined by 3,400 jobs between May and June. Primary metals continued its employment slump. This was to be expected, since three-quarters of steel shipments are consumed by the capital goods markets which have their own problems battling excessive inventories and high interest rates. Between the same periods employment in electric and electronic equipment rose by 1,700, followed by transportation equipment with 1,000, lumber, 300 and furniture, 500.

Although total durable goods employment was down from the end of the first quarter, three out of the ten durable goods industries posted employment gains between the first and second quarters. They were lumber and wood products, 900, furniture and fixtures, 200, and miscellaneous manufacturing, 300.

WEEKLY HOURS UP - HOURLY EARNINGS STABLE

Average weekly manufacturing hours posted a slight gain between May and June, but were still almost an hour below a year ago. Average hourly earnings remained the same as May at $8.55,but were thirty cents higher than in June 1981. Average weekly earnings for June were $329.17, a $2.57 increase over May.

Average weekly durable goods hours increased between May and June,but were down over an hour from a year ago. The average hourly rate for May and June stood at $9.55, which was thirty-nine cents higher than a year ago. June's durable goods average weekly earnings at $374.36 was $1.91 higher than in May.

Nondurable goods posted slight gains in both average hourly earnings and average weekly hours over May. Average weekly earnings climbed to $271.10, a $3.26 gain over May.

Average weekly manufacturing earnings in June showed a loss of $1.32 during the second calendar quarter, down from the March level of $330.50. Nondurable goods average weekly earnings increased by $4.06 during the second quarter and durable goods earnings declined by $3.98.

NONMANUFACTURING EMPLOYMENT SEASONALLY OFF

Nonmanufacturing employment fell by 8,700 jobs between May and June. Government had a decline in employment of 11,900, with the bulk occurring in state education (10,800). The drop in state education was seasonal. It happens each year at the end of the spring semester when student enrollment declines. This year, the decline in state education was heavy enough to affect nonmanufacturing employment because off-setting seasonal employment such as contract construction did not grow to its normal seasonal capacity. Also, retail trade dropped 1,300 jobs, in line with the nationwide decline in retail sales.

Since the end of the first quarter nonmanufacturing employment gained 41,700 jobs. Large employment gainers were contract construction 16,600; services 16,100; wholesale and retail trade 13,200; finance, insurance, real estate 3,800; and transportation and public utilities 1,800.

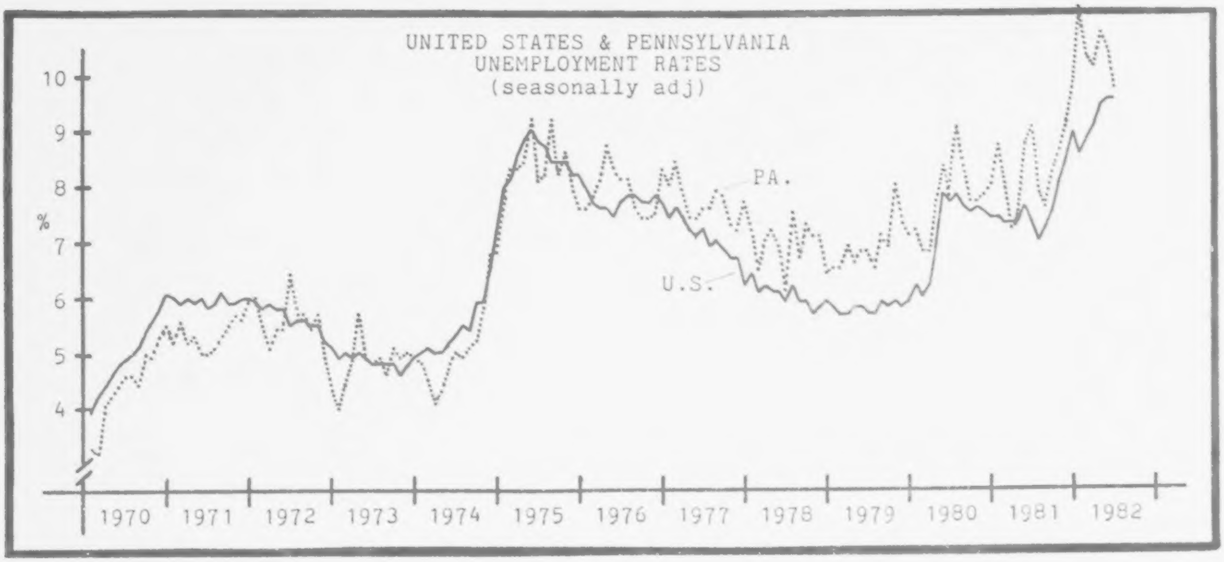


Table 1. **Resident Employment, Unemployment and Unemployed Rate**
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,830	4,612	218	4.5		82,771	78,678	4,093	4.9	
1971	4,813	4,553	261	5.4		84,382	79,367	5,016	5.9	
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,434	5,009	425	7.8		106,940	99,303	7,637	7.1	
1981	5,476	5,018	458	8.4		108,670	100,397	8,273	7.6	
1981 Jun	5,497	4,985	511	9.3	8.7	109,904	101.419	8,485	7.7	7.4
Jul	5,597	5,142	455	8.1	8.2	110,742	102,612	8,130	7.3	7.2
Aug	5,583	5,150	432	7.7	7.9	110,099	102,152	7,947	7.2	7.3
Sep	5,445	4,997	448	8.2	8.5	108,273	100,389	7,884	7.3	7.6
Oct	5,525	5,051	475	8.6	8.7	109,244	101,028	8,216	7.5	8.0
Nov	5,514	5,034	479	8.7	9.0	109,179	100,502	8,676	7.9	8.3
Dec	5,437	4,930	507	9.3	9.6	108,574	99,562	9,013	8.3	8.8
1982 Jan	5,423	4,781	642	11.8	11.2	108,014	97,831	10,183	9.4	8.5
Feb	5,448	4,850	598	11.0	10.3	108,324	97,946	10,378	9.6	8.8
Mar	5,399	4,827	572	10.6	10.1	108,761	98,471	10,290	9.5	9.0
Apr	5,423	4,867	557	10.3	10.7	108,814	98,858	9,957	9.2	9.4
May	5,409	4,880	529	9.8	10.4	109,914	99,957	9,957	9.1	9.5
Jun	5,457	4,894	563	10.3	9.7	111,569	100,683	10,886	9.8	9.5
1981										
2nd Qtr	5,447	5,010	436	8.0	8.2	108,799	100.873	7.926	7.3	7.4
3rd Qtr	5,542	5,096	445	8.0	8.2	109,705	101.718	7,987	7.3	7.4
4th Qtr	5,492	5,005	487	8.9	9.1	108,999	100,364	8,635	7.9	8.3
1982										
1st Qtr	5,423	4,819	604	11.1	10.5	108,366	98,083	10,284	9.5	8.8
2nd Qtr	5,430	4,880	550	10.1	10.3	110,099	99.833	10,267	9.3	9.5

On all tables the most recent month's data are preliminary. They are subject to revision.

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	JUNE 1982	MAY 1982	APR. 1982	MAR. 1982	JUNE 1981	MAY 1982	MARCH 1982	JUNE 1981
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4593.5	4601.2	4585.2	4577.9	4802.3	- 7.7	15.6	-208.8
LABOR-MANAGEMENT DISPUTES	1.9	5.4	5.6	5.0	3.9	- 3.5	- 3.1	- 2.0
TOTAL MANUFACTURING INDUSTRIES	1189.9	1188.9	1200.8	1216.0	1320.7	1.0	-26.1	-130.8
TOTAL DURABLE GOODS	693.3	696.7	709.8	720.9	805.0	- 3.4	-27.6	-111.7
Lumber & wood products	19.4	19.1	18.8	18.5	20.7	0.3	0.9	- 1.3
Millwork, plywood & structural	6.5	6.3	6.2	6.2	6.6	0.2	0.3	- 0.1
Other lumber & wood prod.	12.9	12.8	12.6	12.3	14.1	0.1	0.6	- 1.2
Furniture & fixtures	17.4	16.9	17.5	17.2	18.9	0.5	0.2	- 1.5
Household furniture	8.4	8.3	8.4	8.3	9.1	0.1	0.1	- 0.7
Office furniture	4.3	4.0	4.2	4.1	4.7	0.3	0.2	- 0.4
Other furniture & fixtures	4.7	4.6	4.9	4.8	5.1	0.1	- 0.1	- 0.4
Stone, clay & glass products	51.8	53.1	52.9	52.2	58.5	- 1.3	- 0.4	- 6.7
Glass & glassware, pressed or blown	12.5	13.5	13.8	14.2	15.5	- 1.0	- 1.7	- 3.0
Glass containers	6.7	7.0	6.9	7.1	7.7	- 0.3	- 0.4	- 1.0
Other pressed or blown glass	5.8	6.5	6.9	7.1	7.8	- 0.7	- 1.3	- 2.0
Hydraulic cement	2.1	2.1	2.1	1.9	2.3	0.0	0.2	- 0.2
Structural clay products	5.0	5.0	4.8	4.8	5.7	0.0	0.2	- 0.7
Pottery & related products	4.3	4.2	4.3	4.3	4.8	0.1	0.0	- 0.5
Concrete, gypsum & plaster prod.	7.7	7.9	7.5	6.4	7.9	- 0.2	1.3	- 0.2
Other stone, clay & glass prod.	20.2	20.4	20.4	20.6	22.3	- 0.2	- 0.4	- 2.1
Primary metal industries	144.2	145.8	152.4	159.0	187.7	- 1.6	-14.8	- 43.5
Blast furnace & basic steel prod.	104.1	106.6	111.4	116.6	139.8	- 2.5	-12.5	- 35.7
Blast furnaces & steel mills	93.3	95.8	100.6	105.5	128.2	- 2.5	-12.2	- 34.9
Other basic steel products	10.8	10.8	10.8	11.1	11.6	0.0	- 0.3	- 0.8
Iron & steel foundries	13.4	12.6	13.8	14.9	18.5	0.8	- 1.5	- 5.1
Gray iron foundries	6.0	5.3	6.1	6.7	7.9	0.7	- 0.7	- 1.9
Steel foundries, n.e.c.	4.9	5.0	5.2	5.4	6.4	- 0.1	- 0.5	- 1.5
Malleable iron & steel invest.	2.5	2.3	2.5	2.8	4.2	0.2	- 0.3	- 1.7
Nonferrous rolling & drawing	13.3	13.5	13.6	13.5	14.1	- 0.2	- 0.2	- 0.8
Nonferrous foundries	6.2	6.0	6.5	7.0	7.0	0.2	- 0.8	- 0.8
Other primary metal products	7.2	7.1	7.1	7.0	8.3	0.1	0.2	- 1.1
Fabricated metal products	97.7	99.0	99.6	101.1	110.7	- 1.3	- 3.4	- 13.0
Metal cans & shipping containers	3.4	3.3	3.3	3.5	4.0	0.1	- 0.1	- 0.6
Cutlery, hand tools & hardware	5.5	5.6	5.6	5.5	6.3	- 0.1	0.0	- 0.8
Plumbing & heating exc. electrical	3.0	3.1	3.2	3.3	3.4	- 0.1	- 0.3	- 0.4
Fabricated structural metal prod.	30.3	30.5	30.8	31.1	35.1	- 0.2	- 0.8	- 4.8
Fabricated structural metal	6.1	6.2	6.3	6.5	8.5	- 0.1	- 0.4	- 2.4
Fabricated plate work (boiler shops)	9.4	9.6	9.9	10.2	10.9	- 0.2	- 0.8	- 1.5
Other fabricated struct. metal prod.	14.8	14.7	14.6	14.4	15.7	0.1	0.4	- 0.9
Screw machine products, bolts, etc.	7.8	8.0	8.1	8.2	9.4	- 0.2	- 0.4	- 1.6
Metal forgings & stampings	19.3	19.5	19.4	19.2	20.0	- 0.2	0.1	- 0.7
Iron & steel forgings	5.3	5.3	5.3	5.3	6.0	0.0	0.0	- 0.7
Other metal forgings & stampings	14.0	14.2	14.1	13.9	14.0	- 0.2	0.1	0.0
Metal services & ordnance, n.e.c.	8.2	8.1	8.0	8.2	8.2	0.1	0.0	0.0
Misc. fabricated metal products	20.2	20.9	21.2	22.1	24.3	- 0.7	- 1.9	- 4.1
Valves & pipe fittings	8.1	8.5	8.6	8.9	9.8	- 0.4	- 0.8	- 1.7
Other misc. fabricated metal prod.	12.1	12.4	12.6	13.2	14.5	- 0.3	- 1.1	- 2.4
Machinery, exc. electrical	130.3	132.7	135.0	137.7	144.3	- 2.4	- 7.4	- 14.0
Engines & turbines	9.6	9.7	9.8	9.8	10.3	- 0.1	- 0.2	- 0.7
Farm & garden machinery	3.5	3.6	3.9	3.9	4.6	- 0.1	- 0.4	- 1.1
Construction & related mach.	23.0	23.6	24.3	25.5	25.9	- 0.6	- 2.5	- 2.9
Construction machinery	7.9	8.0	8.2	8.3	8.4	- 0.1	- 0.4	- 0.5
Conveyors & conveying equip.	3.6	3.6	3.6	3.7	3.8	0.0	- 0.1	- 0.2
Other construction & related mach.	11.5	12.0	12.5	13.5	13.7	- 0.5	- 2.0	- 2.2
Metal working machinery	18.7	19.0	19.5	20.0	22.8	- 0.3	- 1.3	- 4.1
Special industry machinery	13.2	13.3	13.1	13.3	14.0	- 0.1	- 0.1	- 0.8

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	JUNE 1982	MAY 1982	APR. 1982	MAR. 1982	JUNE 1981	MAY 1982	MAR. 1982	JUNE 1981
General industrial machinery	25.9	26.4	26.6	27.0	27.9	-0.5	-1.1	- 2.0
Pumps & pumping equipment	4.1	4.2	4.2	4.2	4.1	-0.1	-0.1	0.0
Ball & roller bearings	3.8	3.9	4.0	4.1	4.1	-0.1	-0.3	- 0.3
Air & gas compressors	4.9	5.0	5.0	5.0	5.1	-0.1	-0.1	- 0.2
Industrial furnaces & ovens	3.0	3.0	3.2	3.3	3.5	0.0	-0.3	- 0.5
Other general industrial mach.	10.1	10.3	10.2	10.4	11.1	-0.2	-0.3	- 1.0
Office and computing machines	13.7	13.7	13.6	13.5	13.5	0.0	0.2	0.2
Refrigeration & service ind. mach.	9.5	10.2	10.4	10.7	10.9	-0.7	-1.2	- 1.4
Misc. machinery, exc. electrical	13.2	13.2	13.8	14.0	14.4	0.0	-0.8	- 1.2
Electric & electronic equipment	108.6	106.9	108.6	110.4	119.2	1.7	-1.8	-10.6
Electric distributing equip.	15.5	15.5	16.3	16.6	17.9	0.0	-1.1	- 2.4
Transformers	5.4	5.2	5.4	5.6	5.8	0.2	-0.2	- 0.4
Switchgear & switchboard apparatus	10.1	10.3	10.9	11.0	12.1	-0.2	-0.9	- 2.0
Electrical industrial apparatus	19.4	19.3	19.0	19.5	20.8	0.1	-0.1	- 1.4
Household appliances	3.4	3.5	3.5	3.3	4.0	-0.1	0.1	- 0.6
Electric lighting & wiring equip.	20.6	20.6	20.4	20.7	21.1	0.0	-0.1	- 0.5
Current-carrying wiring devices	11.6	11.4	11.4	11.4	11.6	0.2	0.2	0.0
Other electric light & wiring equip.	9.0	9.2	9.0	9.3	9.5	-0.2	-0.3	- 0.5
Communication equipment	10.8	9.4	10.0	9.8	10.0	1.4	1.0	0.8
Electronic components & accessories	30.3	30.2	30.4	30.7	34.8	0.1	-0.4	- 4.5
Semiconductors & related devices	11.3	11.3	11.2	11.2	12.1	0.0	0.1	- 0.8
Other electronic components & access.	19.0	18.9	19.2	19.5	22.7	0.1	-0.5	- 3.7
Other electrical equip. & supplies	8.6	8.4	9.0	9.8	10.6	0.2	-1.2	- 2.0
Transportation equipment	65.6	64.6	65.9	65.7	79.7	1.0	-0.1	-14.1
Motor vehicles & equipment	24.2	25.2	24.7	24.6	28.0	-1.0	-0.4	- 3.8
Motor vehicle parts & access.	9.2	9.2	9.3	9.4	10.9	0.0	-0.2	- 1.7
Other motor vehicles & equip.	15.0	16.0	15.4	15.2	17.1	-1.0	-0.2	- 2.1
Aircraft & parts	11.1	10.4	11.1	11.0	13.7	0.7	0.1	- 2.6
Ship & boat building & repairing	3.4	3.6	3.8	3.6	6.8	-0.2	-0.2	- 3.4
Railroad equipment	14.7	12.7	12.6	12.7	17.7	2.0	2.0	- 3.0
Other transportation equipment	12.2	12.7	13.7	13.8	13.5	-0.5	-1.6	- 1.3
Instruments & related products	37.4	37.6	38.1	38.5	41.8	-0.2	-1.1	- 4.4
Measuring & controlling devices	19.4	19.4	19.7	20.1	22.2	0.0	-0.7	- 2.8
Medical instruments & supplies	10.3	10.4	10.4	10.4	11.2	-0.1	-0.1	- 0.9
Other instruments & related prod.	7.7	7.8	8.0	8.0	8.4	-0.1	-0.3	- 0.7
Miscellaneous manufacturing industries	20.9	21.0	21.0	20.6	23.5	-0.1	0.3	- 2.6
TOTAL NONDURABLE GOODS	496.6	492.2	491.0	495.1	515.7	4.4	1.5	-19.1
Food & kindred products	92.2	91.1	90.1	91.8	94.7	1.1	0.4	- 2.5
Meat products	13.9	14.0	14.1	14.4	14.9	-0.1	-0.5	- 1.0
Meat packing plants	4.4	4.5	4.6	4.7	4.5	-0.1	-0.3	- 0.1
Sausages & other prepared meats	4.8	4.7	4.8	4.9	5.4	0.1	-0.1	- 0.6
Poultry dressing & processing	4.7	4.8	4.7	4.8	5.0	-0.1	-0.1	- 0.3
Dairy products	11.2	10.7	10.5	10.6	11.6	0.5	0.6	- 0.4
Fluid milk	6.1	5.9	5.8	5.7	6.3	0.2	0.4	- 0.2
Other dairy products	5.1	4.8	4.7	4.9	5.3	0.3	0.2	- 0.2
Preserved fruits & vegetables	11.0	10.9	10.3	10.7	11.9	0.1	0.3	- 0.9
Canned fruits & vegetables	3.7	3.8	3.8	3.8	4.2	-0.1	-0.1	- 0.5
Other preserved fruits & vegetables	7.3	7.1	6.5	6.9	7.7	0.2	0.4	- 0.4
Grain mill products	5.4	5.4	5.3	5.5	5.0	0.0	-0.1	-0.4
Bakery products	18.6	18.2	18.0	18.2	17.8	0.4	0.4	0.8
Bread, cake & related prod.	14.0	13.8	13.6	13.6	13.3	0.2	0.4	0.7
Cookies & crackers	4.6	4.4	4.4	4.6	4.5	0.2	0.0	0.1
Sugar & confectionery prod.	14.2	14.4	14.4	14.7	14.8	-0.2	-0.5	- 0.6
Confectionery prod.	6.1	6.3	6.4	6.5	6.2	-0.2	-0.4	- 0.1
Chocolate & cocoa prod.	6.1	6.0	5.9	6.1	5.8	0.1	0.0	0.3
Other sugar prod.	2.0	2.1	2.1	2.1	2.8	-0.1	-0.1	- 0.8
Beverages	9.2	9.0	8.9	9.1	9.6	0.2	0.1	- 0.4
Other food & kindred products	8.7	8.5	8.6	8.6	9.1	0.2	0.1	- 0.4

Table 2. (cont.) NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
	JUNE 1982	MAY 1982	APR. 1982	MAR. 1982	JUNE 1981	NET CHANGE		
						MAY 1982	MAR. 1982	JUNE 1981
Tobacco manufacturers	2.4	2.7	2.5	2.9	3.1	- 0.3	- 0.5	- 0.7
Textile mill products	40.8	40.2	40.4	40.5	44.1	0.6	0.3	- 3.3
Weaving mills, synthetics	4.5	4.4	4.5	4.6	5.1	0.1	- 0.1	- 0.6
Knitting mills	20.8	20.6	20.5	20.4	22.3	0.2	0.4	- 1.5
Knit outerwear mills	11.1	11.0	11.3	11.0	11.8	0.1	0.1	- 0.7
Knit underwear mills	4.6	4.5	4.2	4.2	4.9	0.1	0.4	- 0.3
Other knitting mills	5.1	5.1	5.0	5.2	5.6	0.0	- 0.1	- 0.5
Floor covering mills	3.6	3.4	3.4	3.4	3.8	0.2	0.2	- 0.2
Yarn & thread mills	3.2	3.1	3.0	3.1	3.9	0.1	0.1	- 0.7
Other textile mill prod.	8.7	8.7	9.0	9.0	9.0	0.0	- 0.3	- 0.3
Apparel & other textile products	122.6	121.5	121.7	123.2	125.5	1.1	- 0.6	- 2.9
Men's & boys' suits & coats	16.2	15.5	15.5	16.1	16.3	0.7	0.1	- 0.1
Men's & boys' furnishings	20.6	20.3	20.0	19.6	20.2	0.3	1.0	0.4
Men's & boys' shirts & nightwear	7.4	7.4	7.2	7.2	7.7	0.0	0.2	- 0.3
Men's & boys' separate trousers	4.3	4.2	4.3	4.3	4.4	0.1	0.0	- 0.1
Other furnishings & work clothing	8.9	8.7	8.5	8.1	8.1	0.2	0.8	0.8
Women's & misses' outerwear	56.5	56.2	56.8	58.1	57.7	0.3	- 1.6	- 1.2
Women's & children's undergarments	9.8	10.2	10.1	10.0	10.5	- 0.4	- 0.2	- 0.7
Children's outerwear	7.9	7.9	7.4	7.8	7.9	0.0	0.1	0.0
Other apparel & textile prod.	11.6	11.4	11.9	11.6	12.9	0.2	0.0	- 1.3
Paper & allied products	41.2	40.2	40.5	40.3	42.6	1.0	0.9	- 1.4
Paper mills exc. building paper	11.2	10.9	11.0	10.9	11.8	0.3	0.3	- 0.6
Paper board containers & boxes	13.6	13.3	13.4	13.4	13.8	0.3	0.2	- 0.2
Corrugated & solid fiber boxes	6.9	6.8	6.8	6.8	7.0	0.1	0.1	- 0.1
Other paperboard containers	6.7	6.5	6.6	6.6	6.8	0.2	0.1	- 0.1
Other paper & allied products	16.4	16.0	16.1	16.0	17.0	0.4	0.4	- 0.6
Printing & publishing	72.8	72.9	73.2	73.8	73.8	- 0.1	- 1.0	- 1.0
Newspapers	23.7	23.5	23.4	23.4	23.9	0.2	0.3	- 0.2
Books	5.8	6.0	6.1	6.0	5.9	- 0.2	- 0.2	- 0.1
Commercial printing	21.9	22.0	22.2	22.3	22.1	- 0.1	- 0.4	- 0.2
Lithographing	12.7	12.9	12.9	12.9	12.5	- 0.2	- 0.2	0.2
Other commercial printing	9.2	9.1	9.3	9.4	9.6	0.1	- 0.2	- 0.4
Manifold business forms	4.3	4.3	4.3	4.4	4.4	0.0	- 0.1	- 0.1
Other printing & publishing	17.1	17.1	17.2	17.7	17.5	0.0	- 0.6	- 0.4
Chemicals & allied products	58.3	58.0	58.5	58.6	60.7	0.3	- 0.3	- 2.4
Industrial inorganic chemicals	9.6	9.7	9.8	9.7	10.0	- 0.1	- 0.1	- 0.4
Plastic materials & synthetics	7.6	7.6	7.7	7.8	8.4	0.0	- 0.2	- 0.8
Drugs	18.3	18.3	18.3	18.2	18.2	0.0	0.1	0.1
Soap, cleaners & toilet goods	3.2	3.2	3.2	3.2	3.2	0.0	0.0	0.0
Paints & allied products	4.1	4.0	4.0	4.0	4.3	0.1	0.1	- 0.2
Other chemicals & allied prod.	15.5	15.2	15.5	15.7	16.6	0.3	- 0.2	- 1.1
Petroleum & coal products	16.4	16.2	16.0	15.8	17.6	0.2	0.6	- 1.2
Petroleum refining	12.9	12.7	12.7	12.7	13.7	0.2	0.2	- 0.8
Other petroleum & coal prod.	3.5	3.5	3.3	3.1	3.9	0.0	0.4	- 0.4
Rubber & misc. plastics products	34.4	34.0	34.0	33.9	36.6	0.4	0.5	- 2.2
Tires & inner tubes	3.4	3.4	3.4	3.5	3.4	0.0	- 0.1	0.0
Fabricated rubber prod., n.e.c.	4.2	4.1	4.2	4.1	4.5	0.1	0.1	- 0.3
Other rubber & plastic prod., n.e.c.	26.8	26.5	26.4	26.3	28.7	0.3	0.5	- 1.9
Leather & leather products	15.5	15.4	14.1	14.3	17.0	0.1	1.2	- 1.5
Footwear, exc. rubber	11.6	11.5	10.7	10.8	12.9	0.1	0.8	- 1.3
Men's footwear, exc. athletic	4.5	4.5	3.8	3.8	4.7	0.0	0.7	- 0.2
Women's footwear, exc. athletic	3.3	3.2	3.1	3.1	4.0	0.1	0.2	- 0.7
Other footwear	3.8	3.8	3.8	3.9	4.2	0.0	- 0.1	- 0.4
Other leather & leather prod.	3.9	3.9	3.4	3.5	4.1	0.0	0.4	- 0.2

Table 2. (concl.) NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	JUNE 1982	MAY 1982	APR. 1982	MAR. 1982	JUNE 1981	MAY 1982	MAR. 1982	JUNE 1981
TOTAL NONMANUFACTURING INDUSTRIES	3403.6	33412.3	3384.4	3361.9	3481.6	- 8.7	41.7	-78.0
Mining	45.1	45.5	45.7	47.0	48.5	- 0.4	- 1.9	- 3.4
Anthracite	3.5	3.4	3.4	3.5	3.6	0.1	0.0	- 0.1
Bituminous	32.1	32.8	33.1	34.7	34.7	- 0.7	- 2.6	- 2.6
Nonmetallic minerals	3.8	3.7	3.6	3.2	4.7	0.1	0.6	- 0.9
Contract Construction	169.9	170.1	160.4	153.3	194.6	- 0.2	16.6	-24.7
General building	45.5	45.4	41.7	40.4	51.1	0.1	5.1	- 5.6
Heavy construction	37.4	35.9	33.2	28.8	41.8	1.5	8.6	- 4.4
Special trades	87.0	88.8	85.5	84.1	101.7	- 1.8	2.9	-14.7
Transportation	141.2	141.2	140.4	140.1	157.0	0.0	1.1	-15.8
Railroads	33.3	33.3	32.7	32.1	37.6	0.0	1.2	- 4.3
Public Utilities	103.6	103.0	102.9	102.9	104.7	0.6	0.7	- 1.1
Communications	53.9	54.0	54.2	54.4	55.3	- 0.1	- 0.5	- 1.4
Electric, gas & sanitary service	49.7	49.0	48.7	48.5	49.4	0.7	1.2	0.3
Electric services	24.7	24.5	24.5	24.4	24.5	0.2	0.3	0.2
Gas production	9.2	9.1	9.0	9.0	9.4	0.1	0.2	- 0.2
Wholesale trade	237.2	236.6	237.4	239.0	247.6	0.6	- 1.8	-10.4
Retail trade	738.5	739.8	729.0	723.5	746.7	- 1.3	15.0	- 8.2
General merchandise stores	115.0	115.7	115.7	115.7	115.6	- 0.7	- 0.7	- 0.6
Department stores	102.0	102.7	102.7	102.6	102.8	- 0.7	- 0.6	- 0.8
Finance, insurance & real estate	244.5	242.6	241.1	240.7	243.6	1.9	3.8	0.9
Banking	80.7	80.2	80.0	80.2	80.8	0.5	0.5	- 0.1
Commercial & stock savings	74.6	73.9	73.8	73.9	74.2	0.7	0.7	0.4
Credit agencies & securities	31.4	31.3	31.4	31.4	31.4	0.1	0.0	0.0
Insurance	70.5	70.6	70.4	70.5	70.4	- 0.1	0.0	0.1
Life insurance	27.2	27.3	27.2	27.4	27.2	- 0.1	- 0.2	0.0
Fire, marine & casualty	29.0	29.0	29.0	29.0	29.0	0.0	0.0	0.0
Services	1028.1	1026.1	1022.2	1012.0	1012.3	2.0	16.1	15.8
Business services	132.6	132.5	132.2	132.8	138.5	0.1	- 0.2	- 5.9
Health services	348.6	344.2	343.0	342.9	337.5	4.4	5.7	11.1
Nursing & personal care	54.6	54.2	53.9	53.7	53.8	0.4	0.9	0.8
Hospitals	215.1	211.7	210.8	211.0	205.7	3.4	4.1	9.4
Educational service	117.4	128.8	135.5	137.0	113.3	- 11.4	-19.6	4.1
Miscellaneous services	47.6	47.3	47.5	47.9	47.7	0.3	- 0.3	- 0.1
Engineering & architectural	30.5	30.3	30.2	30.2	30.6	0.2	0.3	- 0.1
Government	695.5	707.4	705.3	703.4	726.6	- 11.9	- 7.9	-31.1
Federal	136.2	135.8	134.9	134.4	135.0	0.4	1.8	1.2
State & local	559.3	571.6	570.4	569.0	591.6	- 12.3	- 9.7	-32.3

Table 3. SELECTED PENNSYLVANIA EMPLOYMENT INDICES
(Not Seasonally Adjusted)

1977 = 100

INDUSTRY TITLE	JUNE 1982	MAY 1982	APR. 1982	MAR. 1982	JUNE 1981	ANNUAL AVERAGE		
						1981	1980	1979
All Manufacturing	88.7	88.6	89.4	90.6	98.4	96.9	99.0	103.3
Primary Metals	72.2	73.0	76.3	79.6	94.0	102.3	95.3	102.3
Apparel	91.5	90.7	90.8	91.9	93.6	92.3	92.6	96.0
All Nonmanufacturing	105.6	105.8	104.9	104.2	107.9	106.2	106.2	106.1
Construction	92.4	92.5	87.2	83.3	105.8	99.2	103.4	111.0
Retail Trade	103.0	103.2	101.6	100.8	104.1	103.4	103.7	105.0
Services	119.2	119.0	118.5	117.3	117.3	116.7	112.9	109.5
Government	97.8	99.5	99.2	98.9	102.2	99.2	101.7	101.4

TABLE 4. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1971	$140.73	39.2	$3.59	127.3	121.3	$116.02	$ 24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col. 1 ÷ Col. 5)

TABLE 5. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment					Weekly Manhours Worked					Weekly Payrolls				
	June 1982	May 1982	April 1982	March 1982	June 1981	June 1982	May 1982	April 1982	March 1982	June 1981	June 1982	May 1982	April 1982	March 1982	June 1981
Manufacturing	813.6	813.3	824.6	840.9	935.8	31,327.2	31,065.4	31,420.9	32,561.2	36,864.0	267,970.6	265,621.4	268,979.7	277,923.1	304,267.4
Durable Goods	457.6	459.5	470.8	480.0	557.7	17,951.6	17,903.9	18,346.9	19,050.1	22,483.5	171,477.9	170,915.1	174,985.7	181,473.1	205,843.7
Nondur. Goods	356.0	353.8	353.8	360.9	378.1	13,375.6	13,161.5	13,074.0	13,511.1	14,380.5	96,492.7	94,706.3	93,994.0	96,450.0	98,423.7

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding, consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes - Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

Nonagricultural Wage and Salary Data in this publication are arranged according to the 1972 Standard Industrial Classification Manual. Employment data, beginning with 1980, are benchmarked to first quarter 1981.

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981
TOTAL MANUFACTURING INDUSTRIES	329.18	326.61	326.14	330.50	325.05	38.5	38.2	38.1	38.7	39.4	8.55	8.55	8.56	8.54	8.25
TOTAL DURABLE GOODS	374.36	372.45	372.06	378.34	369.15	39.2	39.0	39.0	39.7	40.3	9.55	9.55	9.54	9.53	9.16
Lumber & wood products	258.40	258.10	247.66	259.54	260.57	38.0	37.9	36.8	38.0	42.3	6.80	6.81	6.73	6.83	6.16
Millwork, plywood & structural	267.95	273.93	266.06	288.48	258.90	37.9	38.8	37.9	39.9	40.9	7.07	7.06	7.02	7.23	6.33
Other lumber & wood prod.	254.13	249.83	238.85	245.60	261.26	38.1	37.4	36.3	37.1	42.9	6.67	6.68	6.58	6.62	6.09
Furniture & fixtures	281.39	270.44	264.79	265.73	265.98	39.3	38.8	37.4	37.8	39.0	7.16	6.97	7.08	7.03	6.82
Household furniture	247.54	233.36	225.90	236.70	246.13	38.8	37.1	35.8	37.1	38.7	6.38	6.29	6.31	6.38	6.36
Office furniture	326.14	314.84	292.18	296.06	271.60	41.6	41.7	37.7	38.3	38.2	7.84	7.55	7.75	7.73	7.11
Other furniture & fixtures	306.61	307.31	319.14	296.03	299.77	37.9	39.5	40.5	38.9	40.4	8.09	7.78	7.88	7.61	7.42
Stone, clay & glass products	369.41	364.83	358.67	357.41	355.75	41.0	40.9	40.3	40.8	42.1	9.01	8.92	8.90	8.76	8.45
Glass & glassware, pressed or blown	393.13	378.43	372.20	356.81	338.89	42.5	41.0	40.5	40.5	40.2	9.25	9.23	9.19	8.81	8.43
Glass containers	419.62	406.64	385.92	365.19	377.73	42.3	41.2	39.1	39.1	41.6	9.92	9.87	9.87	9.34	9.08
Other pressed or blown glass	361.23	346.36	358.25	349.44	301.48	42.8	40.7	41.9	42.0	38.9	8.44	8.51	8.55	8.32	7.75
Hydraulic cement	486.47	529.61	503.64	499.20	509.11	39.2	42.2	41.9	41.6	43.7	12.41	12.55	12.02	12.00	11.65
Structural clay products	306.15	319.52	313.15	305.28	290.94	39.2	40.6	38.9	38.4	39.8	7.81	7.87	8.05	7.95	7.31
Pottery & related products	333.21	338.48	324.23	343.44	323.08	38.3	40.2	39.3	42.4	41.0	8.70	8.42	8.25	8.10	7.88
Concrete, gypsum & plaster prod.	349.43	351.48	333.66	326.84	342.55	43.3	43.5	41.5	40.4	42.5	8.07	8.08	8.04	8.09	8.06
Other stone, clay & glass prod.	376.67	360.48	362.80	372.11	391.10	40.2	39.7	40.0	41.3	44.8	9.37	9.08	9.07	9.01	8.73
Primary metal industries	433.14	430.52	439.70	447.98	442.36	36.8	36.3	37.2	37.9	38.2	11.77	11.86	11.82	11.82	11.58
Blast furnace & basic steel prod.	467.28	462.80	474.90	485.79	478.55	36.0	35.6	36.7	37.6	37.8	12.98	13.00	12.94	12.92	12.66
Blast furnaces & steel mills	473.38	471.17	484.95	497.82	484.33	35.7	35.4	36.6	37.6	37.4	13.26	13.31	13.25	13.24	12.95
Other basic steel products	424.15	396.75	395.58	382.60	417.32	38.7	37.5	38.0	37.4	41.9	10.96	10.58	10.41	10.23	9.96
Iron & steel foundries	325.46	326.42	337.88	333.98	337.46	36.9	36.8	37.5	37.4	38.7	8.82	8.87	9.01	8.93	8.72
Gray iron foundries	294.88	296.38	319.06	313.02	332.54	35.4	36.1	37.1	37.0	38.4	8.33	8.21	8.60	8.46	8.66
Steel foundries, n.e.c.	365.38	355.57	367.87	376.11	352.14	38.3	37.0	38.4	39.8	39.7	9.54	9.61	9.58	9.45	8.87
Malleable iron & steel invest.	331.96	345.33	329.52	314.30	326.80	38.2	38.2	36.9	34.2	38.0	8.69	9.04	8.93	9.19	8.60
Nonferrous rolling & drawing	380.48	372.27	351.01	355.90	338.77	41.0	39.9	38.7	39.5	39.3	9.28	9.33	9.07	9.01	8.62
Nonferrous foundries	317.42	316.03	318.78	323.65	297.92	38.9	37.4	38.5	38.9	38.0	8.16	8.45	8.28	8.32	7.84
Other primary metal products	346.40	345.25	351.52	352.14	340.72	40.0	39.1	39.9	39.7	41.5	8.66	8.83	8.81	8.87	8.21
Fabricated metal products	361.49	359.79	355.39	358.49	347.58	39.9	39.8	39.4	39.7	40.7	9.06	9.04	9.02	9.03	8.54
Metal cans & shipping containers	465.92	454.48	430.35	455.52	513.94	44.8	43.7	41.3	43.3	48.9	10.40	10.40	10.42	10.52	10.51
Cutlery, hand tools & hardware	271.06	270.51	271.55	273.08	257.40	37.7	38.1	38.3	38.9	39.6	7.19	7.10	7.09	7.02	6.50
Plumbing & heating exc. electrical	338.05	325.40	328.60	320.26	321.21	39.4	39.3	39.4	39.2	41.5	8.58	8.28	8.34	8.17	7.74
Fabricated structural metal prod.	346.23	347.27	342.47	341.12	318.33	40.4	40.1	39.5	39.3	39.3	8.57	8.66	8.67	8.68	8.10
Fabricated structural metal	378.14	390.86	382.31	375.76	303.74	40.1	40.8	39.7	38.5	33.6	9.43	9.58	9.63	9.76	9.04
Fabricated plate work (boiler shops)	389.09	380.29	364.45	356.59	329.26	41.0	40.2	39.4	39.1	40.4	9.49	9.46	9.25	9.12	8.15
Other fabricated struct. metal prod.	306.73	308.05	310.08	313.62	319.35	40.2	39.8	39.5	39.8	41.8	7.63	7.74	7.85	7.88	7.64
Screw machine products, bolts, etc.	330.22	320.57	309.58	328.82	319.30	38.0	38.3	37.8	41.0	41.2	8.69	8.37	8.19	8.02	7.75
Metal forgings & stampings	448.11	450.06	453.87	455.84	441.57	40.7	40.4	41.0	40.7	40.4	11.01	11.14	11.07	11.20	10.93
Iron & steel forgings	356.27	362.62	376.94	368.22	347.09	37.7	38.7	38.9	38.0	38.1	9.45	9.37	9.69	9.69	9.11
Other metal forgings & stampings	478.72	478.47	477.15	482.65	476.27	41.7	41.0	41.6	41.5	41.2	11.48	11.67	11.47	11.63	11.56
Metal services & ordnance, n.e.c.	328.85	324.06	313.94	309.64	308.30	40.8	41.6	40.3	39.8	40.3	8.06	7.79	7.79	7.78	7.65
Misc. fabricated metal products	329.86	329.95	324.61	329.86	329.06	38.4	38.5	38.1	38.4	41.6	8.59	8.57	8.52	8.59	7.91
Valves & pipe fittings	353.78	352.20	345.08	343.27	333.18	38.0	38.2	38.3	38.7	41.7	9.31	9.22	9.01	8.87	7.99
Other misc. fabricated metal prod.	316.18	316.57	312.36	322.49	326.19	38.7	38.7	38.0	38.3	41.5	8.17	8.18	8.22	8.42	7.86

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981
Machinery, exc. electrical	365.98	367.70	373.33	380.78	369.09	39.1	39.2	40.1	40.9	41.8	9.36	9.38	9.31	9.31	8.83
Engines & turbines	423.32	433.46	432.22	428.67	414.12	40.9	41.4	41.4	41.1	42.3	10.35	10.47	10.44	10.43	9.79
Farm & garden machinery	384.47	393.81	397.70	397.18	389.05	39.8	39.9	41.0	40.2	40.4	9.66	9.87	9.70	9.88	9.63
Construction & related mach.	343.88	357.21	398.62	417.50	388.32	34.7	35.9	40.8	42.3	41.8	9.91	9.95	9.77	9.87	9.29
Construction machinery	313.13	327.12	424.26	429.95	403.60	27.3	28.2	40.1	40.6	41.1	11.47	11.60	10.58	10.59	9.82
Conveyors & conveying equip.	359.77	361.84	359.72	344.03	291.85	41.4	41.4	41.3	41.6	36.3	8.69	8.74	8.71	8.27	8.04
Other construction & related mach.	364.45	378.22	386.57	421.18	396.24	39.4	40.8	41.3	43.6	43.4	9.25	9.27	9.36	9.66	9.13
Metal working machinery	397.58	378.54	374.12	374.69	376.82	41.2	40.1	39.8	39.4	41.5	9.65	9.44	9.40	9.51	9.08
Special industry machinery	350.47	351.24	355.12	357.35	342.79	40.8	40.7	40.4	40.7	41.3	8.59	8.63	8.79	8.78	8.30
General industrial machinery	357.19	355.21	358.30	368.24	371.06	39.6	39.6	39.9	40.6	42.7	9.02	8.97	8.98	9.07	8.69
Pumps & pumping equipment	398.82	393.47	372.65	371.77	381.12	42.7	42.4	41.0	41.4	42.3	9.34	9.28	9.09	8.98	9.01
Ball & roller bearings	349.30	346.94	339.68	337.04	367.52	37.6	38.0	37.7	37.7	40.7	9.29	9.13	9.01	8.94	9.03
Air & gas compressors	369.81	356.96	361.69	368.42	392.50	39.3	38.8	39.4	39.7	44.2	9.41	9.20	9.18	9.28	8.88
Industrial furnaces & ovens	347.14	362.48	366.28	344.65	356.57	38.7	39.4	39.3	37.3	39.4	8.97	9.20	9.32	9.24	9.05
Other general industrial mach.	341.88	343.54	358.28	389.66	364.50	39.8	39.9	40.9	43.2	43.6	8.59	8.61	8.76	9.02	8.36
Office and computing machines	420.29	434.70	436.13	439.21	413.13	39.8	40.4	41.3	42.6	41.9	10.56	10.76	10.56	10.31	9.86
Refrigeration & service ind. mach.	358.43	350.15	334.08	319.96	317.29	40.5	39.7	38.4	38.0	41.1	8.85	8.82	8.70	8.42	7.72
Misc. machinery, exc. electrical	323.71	317.34	323.31	344.85	331.52	38.4	37.6	39.0	41.8	41.7	8.43	8.44	8.29	8.25	7.95
Electric & electronic equipment	332.20	332.73	324.37	332.05	317.05	39.5	39.8	38.8	40.2	40.7	8.41	8.36	8.36	8.26	7.79
Electric distributing equip.	403.91	417.07	410.88	421.36	420.30	41.3	43.4	42.8	43.8	45.0	9.78	9.61	9.60	9.62	9.34
Transformers	439.79	457.44	438.87	431.41	402.69	43.5	47.7	46.1	45.7	44.3	10.11	9.59	9.52	9.44	9.09
Switchgear & switchboard apparatus	383.20	395.79	395.65	416.44	428.54	40.0	41.1	41.0	42.8	45.3	9.58	9.63	9.65	9.73	9.46
Electrical industrial apparatus	326.80	324.41	313.23	319.57	307.98	40.0	40.2	39.4	39.6	40.9	8.17	8.07	7.95	8.07	7.53
Household appliances	277.20	275.41	279.10	294.12	283.14	38.5	38.9	39.2	39.8	39.6	7.20	7.08	7.12	7.39	7.15
Electric lighting & wiring equip.	304.59	308.51	304.59	310.71	285.98	39.0	39.3	38.9	40.3	39.5	7.81	7.85	7.83	7.71	7.24
Current-carrying wiring devices	327.64	333.74	332.51	303.86	302.40	40.6	41.0	40.5	40.3	40.7	8.07	8.14	8.21	7.54	7.43
Other electric light & wiring equip.	286.14	288.80	280.50	316.36	271.81	37.7	38.0	37.5	40.3	38.5	7.59	7.60	7.48	7.85	7.06
Communication equipment	313.58	306.93	303.74	336.76	336.76	40.1	39.0	38.4	42.2	42.2	7.82	7.87	7.91	7.98	7.98
Electronic components & accessories	341.60	333.52	310.00	327.76	307.04	39.4	39.1	36.3	39.3	40.4	8.67	8.53	8.54	8.34	7.60
Semiconductors & related devices	422.28	422.18	420.15	405.99	386.88	39.1	39.2	38.3	39.0	41.6	10.80	10.77	10.97	10.41	9.30
Other electronic components & access.	297.04	284.70	250.62	285.19	267.06	39.5	39.0	35.2	39.5	39.8	7.52	7.30	7.12	7.22	6.71
Other electrical equip. & supplies	284.13	299.09	322.36	278.98	266.79	36.9	37.2	39.7	37.0	36.9	7.70	8.04	8.12	7.54	7.23
Transportation equipment	455.10	437.30	437.78	436.56	394.76	41.6	39.9	40.8	40.8	40.2	10.94	10.96	10.73	10.70	9.82
Motor vehicles & equipment	502.12	456.90	467.82	461.04	429.71	43.1	39.8	41.4	40.8	40.5	11.65	11.48	11.30	11.30	10.61
Motor vehicle parts & access.	539.15	514.61	493.45	471.10	451.76	46.2	45.5	44.9	43.3	42.3	11.67	11.31	10.99	10.88	10.68
Other motor vehicles & equip.	474.50	436.54	448.92	453.96	411.45	40.8	37.6	38.8	38.9	39.0	11.63	11.61	11.57	11.67	10.55
Aircraft & parts	456.25	460.43	461.03	466.23	386.38	40.7	41.0	41.2	42.5	40.8	11.21	11.23	11.19	10.97	9.47
Ship & boat building & repairing	386.71	422.17	400.53	388.22	421.76	39.3	42.6	39.5	38.4	41.8	9.84	9.91	10.14	10.11	10.09
Railroad equipment	413.95	444.04	411.18	421.74	376.27	38.4	39.4	38.5	39.6	38.2	10.78	11.27	10.68	10.65	9.85
Other transportation equipment	403.99	313.99	379.26	363.85	313.39	44.2	35.6	42.0	41.3	40.7	9.14	8.82	9.03	8.81	7.70
Instruments & related products	340.35	330.34	312.34	327.24	314.93	39.9	39.8	38.8	40.5	40.9	8.53	8.30	8.05	8.08	7.70
Measuring & controlling devices	361.38	353.87	337.60	363.80	342.27	41.3	41.1	40.0	42.6	42.1	8.75	8.61	8.44	8.54	8.13
Medical instruments & supplies	322.10	300.38	280.96	285.36	294.52	38.3	37.5	36.3	37.4	40.4	8.41	8.01	7.74	7.63	7.29
Other instruments & related prod.	314.59	312.84	293.25	292.39	267.72	38.6	39.5	39.1	39.3	38.3	8.15	7.92	7.50	7.44	6.99
Miscellaneous manufacturing industries	307.84	305.11	298.54	303.89	303.46	41.6	40.9	39.7	40.9	41.4	7.40	7.46	7.52	7.43	7.33

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981
TOTAL NONDURABLE GOODS	271.10	267.84	265.31	267.04	259.92	37.6	37.2	36.9	37.4	38.0	7.21	7.20	7.19	7.14	6.84
Food & kindred products	321.90	315.51	306.32	306.46	308.97	39.4	39.0	38.1	38.5	40.6	8.17	8.09	8.04	7.96	7.61
Meat products	304.98	290.69	278.88	288.42	309.73	39.1	37.9	35.8	38.1	40.7	7.80	7.67	7.79	7.57	7.61
Meat packing plants	362.53	341.88	350.10	343.10	341.13	42.6	40.7	40.9	40.7	41.1	8.51	8.40	8.56	8.43	8.30
Sausages & other prepared meats	358.82	346.63	328.14	331.36	374.67	38.5	38.6	36.5	37.4	41.4	9.32	8.98	8.99	8.86	9.05
Poultry dressing & processing	209.66	202.07	171.76	202.92	220.97	36.4	34.9	30.4	36.3	39.6	5.76	5.79	5.65	5.59	5.58
Dairy products	317.03	319.49	305.21	311.83	310.42	42.9	43.0	41.3	41.8	44.6	7.39	7.43	7.39	7.46	6.96
Fluid milk	338.55	332.51	331.47	334.49	342.08	41.9	41.0	41.8	41.5	43.8	8.08	8.11	7.98	8.06	7.81
Other dairy products	297.84	307.98	282.62	294.70	288.64	43.8	44.7	40.9	42.1	45.1	6.80	6.89	6.91	7.00	6.40
Preserved fruits & vegetables	304.17	282.51	270.11	269.54	260.27	38.6	36.5	36.7	35.7	35.8	7.88	7.74	7.36	7.55	7.27
Canned fruits & vegetables	228.04	221.41	212.58	213.35	223.23	36.9	37.4	36.4	36.1	37.9	6.18	5.92	5.84	5.91	5.89
Other preserved fruits & vegetables	346.90	317.36	306.27	300.55	281.07	39.6	35.9	36.9	35.4	34.7	8.76	8.84	8.30	8.49	8.10
Grain mill products	390.52	359.39	341.91	343.36	331.96	41.5	40.2	39.3	40.3	43.0	9.41	8.94	8.70	8.52	7.72
Bakery products	320.57	314.50	311.25	309.04	299.47	38.3	38.4	37.5	38.2	40.8	8.37	8.19	8.30	8.09	7.34
Bread, cake & related prod.	323.85	322.94	327.37	314.71	292.58	38.1	38.4	38.2	38.1	40.3	8.50	8.41	8.57	8.26	7.26
Cookies & crackers	313.56	290.70	269.14	294.53	315.42	39.0	38.3	35.6	38.3	42.0	8.04	7.59	7.56	7.69	7.51
Sugar & confectionery prod.	333.21	341.25	333.98	332.90	340.23	38.3	39.0	38.7	38.8	40.6	8.70	8.75	8.63	8.58	8.38
Confectionery prod.	278.58	289.55	278.26	281.86	273.46	36.8	37.8	37.3	38.4	38.3	7.57	7.66	7.46	7.34	7.14
Chocolate & cocoa prod.	373.46	368.02	366.83	357.88	341.82	40.2	39.7	39.7	38.9	40.5	9.29	9.27	9.24	9.20	8.44
Other sugar prod.	416.57	456.64	444.85	455.39	504.68	38.5	41.4	40.7	40.3	46.6	10.82	11.03	10.93	11.30	10.83
Beverages	383.11	383.60	393.66	378.30	386.78	40.2	40.0	40.5	38.8	41.5	9.53	9.59	9.72	9.75	9.32
Other food & kindred products	271.20	271.04	260.29	249.66	257.18	40.0	39.8	39.2	38.0	40.5	6.78	6.81	6.64	6.57	6.35
Tobacco manufacturers	199.56	200.97	203.90	197.11	188.67	38.6	38.5	37.9	38.2	38.9	5.17	5.22	5.38	5.16	4.85
Textile mill products	220.80	219.84	214.89	212.98	209.75	38.4	38.3	37.7	37.3	38.7	5.75	5.74	5.70	5.71	5.42
Weaving mills, synthetics	245.18	239.95	230.29	236.99	241.53	41.0	40.6	39.5	40.1	42.9	5.98	5.91	5.83	5.91	5.63
Knitting mills	206.63	205.52	206.09	194.90	193.91	37.5	37.3	37.0	35.5	37.8	5.51	5.51	5.57	5.49	5.13
Knit outerwear mills	205.74	201.38	200.34	188.14	199.14	38.1	37.5	37.1	35.1	39.2	5.40	5.37	5.40	5.36	5.08
Knit underwear mills	179.39	179.52	176.82	178.52	172.07	34.9	35.2	34.4	34.8	35.7	5.14	5.10	5.14	5.13	4.82
Other knitting mills	234.08	238.46	243.36	223.48	201.48	38.5	38.9	39.0	37.0	36.5	6.08	6.13	6.24	6.04	5.52
Floor covering mills	286.48	296.06	258.81	274.66	278.16	39.9	39.9	37.4	38.2	39.4	7.18	7.42	6.92	7.19	7.06
Yarn & thread mills	194.18	188.64	180.49	183.17	198.53	36.5	36.0	35.6	36.2	38.4	5.32	5.24	5.07	5.06	5.17
Other textile mill prod.	232.25	232.64	228.54	236.38	212.39	39.7	39.7	39.2	40.2	38.2	5.85	5.86	5.83	5.88	5.56
Apparel & other textile products	175.88	174.11	172.78	176.69	168.54	33.5	33.1	32.6	33.4	32.6	5.25	5.26	5.30	5.29	5.17
Men's & boys' suits & coats	214.67	220.25	219.80	229.12	221.43	33.7	34.2	35.0	36.6	36.3	6.37	6.44	6.28	6.26	6.10
Men's & boys' furnishings	180.58	177.29	176.94	175.90	171.72	35.2	34.9	34.9	34.9	35.7	5.13	5.08	5.07	5.04	4.81
Men's & boys' shirts & nightwear	182.98	179.74	181.51	180.18	172.13	35.6	34.9	35.8	36.4	37.5	5.14	5.15	5.07	4.95	4.59
Men's & boys' separate trousers	175.71	178.49	176.34	190.10	189.41	32.3	33.3	32.9	35.8	34.5	5.44	5.36	5.36	5.31	5.49
Other furnishings & work clothing	180.28	174.08	173.39	164.34	161.70	36.2	35.6	35.1	33.0	34.7	4.98	4.89	4.94	4.98	4.66
Women's & misses' outerwear	163.77	160.06	161.26	167.88	153.41	31.8	30.9	30.6	32.1	29.0	5.15	5.18	5.27	5.23	5.29
Women's & children's undergarments	158.12	157.18	154.55	154.55	155.40	33.5	33.3	32.4	32.4	35.0	4.72	4.72	4.77	4.77	4.44
Children's outerwear	181.14	185.42	174.30	164.54	169.76	36.3	36.5	33.2	31.4	32.9	4.99	5.08	5.25	5.24	5.16
Other apparel & textile prod.	184.00	179.64	175.00	175.30	172.02	36.8	36.0	35.0	35.2	36.6	5.00	4.99	5.00	4.98	4.70

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(concl.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981
Paper & allied products	336.04	330.40	330.22	332.28	323.24	41.9	41.3	41.8	42.6	43.8	8.02	8.00	7.90	7.80	7.38
Paper mills exc. building paper	412.88	417.65	434.69	426.79	406.22	44.3	45.2	47.3	46.9	46.8	9.32	9.24	9.19	9.10	8.68
Paper board containers & boxes	326.83	315.54	313.58	313.60	306.61	40.3	39.1	39.1	40.0	41.1	8.11	8.07	8.02	7.84	7.46
Corrugated & solid fiber boxes	349.45	336.94	329.51	323.21	324.78	41.8	40.4	39.7	40.1	42.4	8.36	8.34	8.30	8.06	7.66
Other paperboard containers	305.37	294.08	296.38	304.44	289.28	38.9	37.8	38.5	39.9	39.9	7.85	7.78	7.75	7.63	7.25
Other paper & allied products	302.94	297.98	291.99	301.18	295.48	41.9	41.1	41.3	42.6	44.5	7.23	7.25	7.07	7.07	6.64
Printing & publishing	327.76	322.06	324.14	332.13	317.34	38.2	37.8	38.0	38.8	38.7	8.58	8.52	8.53	8.56	8.20
Newspapers	310.28	300.63	302.28	312.01	294.03	33.8	33.0	33.0	34.4	33.0	9.18	9.11	9.16	9.07	8.91
Books	305.90	296.78	294.14	300.29	274.00	38.0	38.0	38.2	39.1	38.7	8.05	7.81	7.70	7.68	7.08
Commercial printing	340.08	336.49	343.88	361.58	336.54	39.0	38.9	39.3	40.4	39.5	8.72	8.65	8.75	8.95	8.52
Lithographing	356.62	358.27	359.64	391.94	335.13	38.1	38.4	38.3	40.7	38.3	9.36	9.33	9.39	9.63	8.75
Other commercial printing	316.79	307.68	323.18	321.59	337.83	40.1	39.7	40.6	39.9	40.9	7.90	7.75	7.96	8.06	8.26
Manifold business forms	376.22	362.51	370.62	361.22	363.99	43.9	42.9	43.5	42.9	45.9	8.57	8.45	8.52	8.42	7.93
Other printing & publishing	319.02	316.47	309.80	310.81	309.60	39.0	38.5	38.2	38.9	40.0	8.18	8.22	8.11	7.99	7.74
Chemicals & allied products	382.32	376.25	371.16	369.44	369.25	40.5	40.5	40.3	40.2	42.2	9.44	9.29	9.21	9.19	8.75
Industrial inorganic chemicals	383.93	387.45	389.34	376.36	363.13	40.8	41.0	41.2	40.6	41.5	9.41	9.45	9.45	9.27	8.75
Plastic materials & synthetics	406.61	384.33	362.36	374.96	382.34	39.4	38.9	36.9	38.3	41.2	10.32	9,88	9.82	9.79	9.28
Drugs	401.94	391.64	382.01	387.83	378.07	39.6	39.4	39.1	38.9	39.3	10.15	9.94	9.77	9.97	9.62
Soap, cleaners & toilet goods	345.14	341.23	338.17	345.40	344.94	43.8	42.6	43.3	44.0	46.3	7.88	8.01	7.81	7.85	7.45
Paints & allied products	376.69	350.59	355.85	352.14	346.52	40.9	38.4	40.3	39.7	41.4	9.21	9.13	8.83	8.87	8.37
Other chemicals & allied prod.	365.72	369.93	370.71	358.94	368.33	40.5	41.8	41.7	41.4	44.7	9.03	8.85	8.89	8.67	8.24
Petroleum & coal products	512.19	518.02	518.81	502.07	459.80	42.4	42.6	42.7	41.7	41.8	12.08	12.16	12.15	12.04	11.00
Petroleum refining	537.13	551.13	544.85	529.20	484.04	41.8	42.2	42.6	41.9	41.3	12.85	13.06	12.79	12.63	11.72
Other petroleum & coal prod.	432.90	408.65	421.52	392.51	369.73	44.4	43.8	43.1	41.1	43.6	9.75	9.33	9.78	9.55	8.48
Rubber & misc. plastics products	299.07	298.23	293.14	292.32	265.99	39.3	39.5	39.4	40.6	39.7	7.61	7.55	7.44	7.20	6.70
Tires & inner tubes	399.40	376.71	397.58	397.99	385.00	40.1	39.2	41.2	41.5	43.7	9.96	9.61	9.65	9.59	8.81
Fabricated rubber prod., n.e.c.	345.67	352.37	340.23	361.12	326.34	41.2	41.8	40.6	43.3	42.0	8.39	8.43	8.38	8.34	7.77
Other rubber & plastic prod., n.e.c.	282.36	282.96	274.95	274.16	247.26	39.0	39.3	39.0	40.2	39.0	7.24	7.20	7.05	6.82	6.34
Leather & leather products	181.92	175.96	179.90	182.85	182.78	35.6	34.3	35.0	35.3	38.0	5.11	5.13	5.14	5.18	4.81
Footwear, exc. rubber	178.00	172.62	169.48	172.26	170.46	36.4	35.3	34.8	34.8	37.3	4.89	4.89	4.87	4.95	4.57
Men's footwear, exc. athletic	194.31	185.28	195.70	182.70	191.20	38.1	36.4	38.6	35.0	40.0	5.10	5.09	5.07	5.22	4.78
Women's footwear, exc. athletic	172.89	171.21	159.41	175.65	160.01	35.5	35.3	32.4	35.2	35.4	4.87	4.85	4.92	4.99	4.52
Other footwear	162.51	158.91	151.80	159.03	157.04	35.1	34.1	33.0	34.2	36.1	4.63	4.66	4.60	4.65	4.35
Other leather & leather prod.	195.43	188.17	216.59	217.56	223.11	32.9	31.0	35.8	37.0	40.2	5.94	6.07	6.05	5.88	5.55
SELECTED NONMANUFACTURING INDUSTRIES															
Anthracite Mining	408.29	400.20	399.78	428.64	438.98	38.7	39.9	39.7	41.9	46.8	10.55	10.03	10.07	10.23	9.38
Bituminous coal & lignite mining	480.67	466.94	454.58	503.79	413.61	38.3	38.4	37.2	40.4	32.8	12.55	12.16	12.22	12.47	12.61
Nonmetallic minerals, exc. fuels	360.72	359.13	359.84	357.57	364.27	43.2	42.5	41.6	41.1	44.1	8.35	8.45	8.65	8.70	8.26
Communication	409.73	401.86	412.16	407.74	372.87	38.8	38.2	38.7	38.0	38.8	10.56	10.52	10.65	10.73	9.61
Electric, gas, & sanitary services	467.04	463.83	466.23	466.90	448.21	42.0	41.9	42.5	42.6	43.6	11.12	11.07	10.97	10.96	10.28
Electric services	469.88	455.38	454.11	447.95	445.17	42.6	42.4	42.8	42.5	42.6	11.03	10.74	10.61	10.54	10.45
Gas production & distribution	408.59	403.21	408.87	409.76	427.80	40.9	40.2	41.3	41.6	46.5	9.99	10.03	9.90	9.85	9.20
General merchandise stores	151.37	153.22	151.43	153.72	146.61	28.4	28.8	28.2	28.0	27.2	5.33	5.32	5.37	5.49	5.39
Banking	213.58	209.40	210.12	208.38	190.62	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA
Insurance carriers	261.81	260.55	258.61	258.79	242.07	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA
Life insurance	241.00	241.55	237.18	240.61	221.94	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA
Fire, marine & casualty insurance	269.29	267.51	266.58	265.40	243.35	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

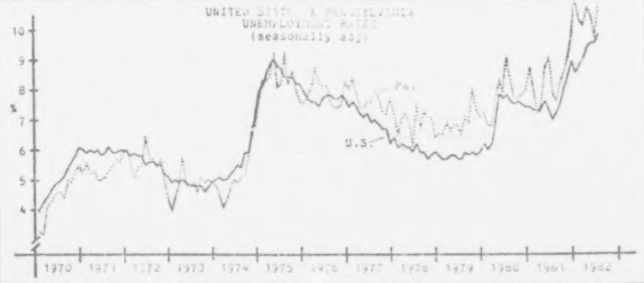
JOB SERVICE

AUGUST 1982

Vol. XXVII No. 8

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	JULY 1982	JUNE 1982	JULY 1981
Civilian Labor Force	5585	5457	5597
Employment	4989	4894	5142
Unemployment (Unadjusted)	596	563	455
%Civilian Labor Force	10.7	10.3	8.1
Unemployment (Seas. Adj.)	594	526	449
%Civilian Labor Force	10.8	9.7	8.2



BOTH TOTAL EMPLOYMENT AND UNEMPLOYMENT ROSE

Pennsylvania residents employed in July numbered 4,989,000, a gain of 95,000 over June, but a loss of 153,000 from a year ago.

Unadjusted, unemployment climbed to 596,000 in July, 33,000 above the previous month. During the same period the unadjusted rate rose from 10.3 percent of the civilian labor force to 10.7 percent.

Seasonally adjusted, unemployment edged higher in July to 594,000 - a 68,000 increase over June. The adjusted rate climbed to 10.8 percent, up from June's rate of 9.7.

Nationwide in July, both the unadjusted and adjusted rates were 9.8 percent. In June, the unadjusted rate was 9.8 percent and the adjusted rate was 9.5 percent.

MANUFACTURING EMPLOYMENT DIPS

July manufacturing employment was 1,148,900, down 37,600 from June's level of 1,186,500. Durable goods employment dropped by 14,300. Heaviest losses occurred in primary metals - 3,100; electric and electronic equipment - 2,500; and transportation equipment - 2,400. All the other durable goods industries also declined from the previous month.

Nondurable goods had a loss of 23,300 jobs between June and July. The largest job drop (17,600) was incurred by the apparel industry, due to seasonal shutdowns. Petroleum and coal products posted a job gain. Food products remained the same while the other nondurable industries registered slight job losses.

MANUFACTURING HOURS DOWN - HOURLY RATES UP

Average weekly hours in manufacturing declined to 38.3 from June's 38.5 Hourly rates increased ten cents, moving from $8.54 to $8.64. Despite the drop in hours, the hourly rate gain pushed average weekly earnings up from $328.79 in June to $330.91 in July.

In durable goods, average weekly hours fell to 38.7 from 39.3 the previous month. Average hourly rates rose to $9.60, a six-cent increase over the period. The drop in average weekly hours reduced average weekly earnings from the previous month by $3.40 to $371.52.

The following durable goods industries recorded substantial average hourly gains in July: transportation equipment, 12 cents; nonelectrical machinery, 11 cents; miscellaneous manufacturing, 11 cents; electric and electronic equipment, 9 cents.

Nondurable goods gained in both average weekly hours and average hourly earnings, lifting average weekly earnings to $277.45, an increase of $6.35 over June.

Paper and allied products led the advance in hourly earnings with a gain of 22 cents, followed by petroleum and coal products with 11 cents, tobacco products, 9 cents, and rubber and plastic products, 7 cents. Apparel and petroleum products paced the weekly hours increase.

NONMANUFACTURING EMPLOYMENT IN SEASONAL DROP

Nonmanufacturing employment in July was 3,348,300, down 52,800 from June's 3,401,100. The bulk of the job losses were in government, 30,400. The government job decline was due to normal seasonal employment drops in local school districts, plus a reduction in summer programs funded at the local level. Retail trade declined by 10,200, a typical seasonal movement. Contract construction gained 4,300 and health services increased by 1,500.

BUR 653 8-82 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA#	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
				NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	JULY 1982	JUNE 1982	JULY 1981	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4497.2	4587.6	4749.7	- 90.4	-252.5									
TOTAL MANUFACTURING INDUSTRIES	1148.9	1186.5	1310.6	- 37.6	-161.7	$ 330.91	$ 328.79	$ 323.31	38.3	38.5	39.0	$ 8.64	$ 8.54	$ 8.29
TOTAL DURABLE GOODS	675.9	690.2	798.6	- 14.3	-122.7	371.52	374.92	366.16	38.7	39.3	39.8	9.60	9.54	9.20
Lumber & wood products	19.3	19.5	20.8	- 0.2	- 1.5	256.50	257.72	250.10	37.5	37.9	40.8	6.84	6.80	6.13
Furniture & fixtures	16.2	17.3	18.4	- 1.1	- 2.2	272.42	281.39	258.31	38.1	39.3	37.6	7.15	7.16	6.87
Stone, clay & glass products	51.5	52.4	58.0	- 0.9	- 6.5	370.15	370.72	354.06	40.9	41.1	41.9	9.05	9.02	8.45
Primary metal industries	139.6	142.7	187.8	- 3.1	- 48.2	434.75	432.03	440.04	37.0	36.8	38.0	11.75	11.74	11.58
Fabricated metal products	96.4	97.6	109.5	- 1.2	- 13.1	361.27	364.21	335.47	39.7	40.2	39.7	9.10	9.06	8.45
Machinery, exc. electrical	126.4	128.2	143.1	- 1.8	- 16.7	369.50	368.93	367.63	39.1	39.5	41.4	9.45	9.34	8.88
Electric & electronic equipment	106.3	108.8	117.5	- 2.5	- 11.2	329.18	333.32	312.80	38.5	39.4	40.0	8.55	8.46	7.82
Transportation equipment	62.7	65.1	78.8	- 2.4	- 16.1	424.70	451.82	401.98	38.4	41.3	39.8	11.06	10.94	10.10
Instruments & related products	37.1	37.3	41.3	- 0.2	- 4.2	340.35	341.25	322.46	39.9	40.1	41.5	8.53	8.51	7.77
Miscellaneous manufacturing industries	20.4	21.3	23.4	- 0.9	- 3.0	303.20	307.76	286.21	40.0	41.2	39.1	7.58	7.47	7.32
TOTAL NONDURABLE GOODS	473.0	496.3	512.0	- 23.3	- 39.0	277.45	271.10	261.82	37.8	37.6	38.0	7.34	7.21	6.89
Food & kindred products	92.5	92.5	96.2	0.0	- 3.7	325.56	321.95	310.49	39.8	39.6	40.8	8.18	8.13	7.61
Tobacco manufacturers	2.0	2.4	2.9	- 0.4	- 0.9	201.46	199.56	192.37	38.3	38.6	39.5	5.26	5.17	4.87
Textile mill products	39.4	40.9	43.9	- 1.5	- 4.5	212.78	220.61	202.50	37.2	38.5	37.5	5.72	5.73	5.40
Apparel & other textile products	105.1	122.7	122.0	- 17.6	- 16.9	176.77	174.83	170.98	33.8	33.3	33.2	5.23	5.25	5.15
Paper & allied products	40.0	40.8	42.4	- 0.8	- 2.4	350.63	339.67	324.42	42.5	42.3	42.8	8.25	8.03	7.58
Printing & publishing	71.5	72.7	73.7	- 1.2	- 2.2	332.35	327.76	316.74	38.6	38.2	38.3	8.61	8.58	8.27
Chemicals & allied products	57.8	58.4	60.6	- 0.6	- 2.8	388.14	383.13	364.83	40.6	40.5	41.6	9.56	9.46	8.77
Petroleum & coal products	16.5	16.4	17.7	0.1	- 1.2	522.95	512.19	470.80	42.9	42.4	42.3	12.19	12.08	11.13
Rubber & misc. plastics products	32.8	33.9	36.1	- 1.1	- 3.3	298.72	296.74	269.50	39.1	39.2	39.4	7.64	7.57	6.84
Leather & leather products	15.4	15.6	16.5	- 0.2	- 1.1	180.58	181.92	180.96	35.9	35.6	37.7	5.03	5.11	4.80
TOTAL NONMANUFACTURING INDUSTRIES	3348.3	3401.1	3439.1	- 52.8	- 90.8									
Mining	43.2	45.0	49.5	- 1.8	- 6.3									
Contract Construction	171.9	167.6	198.2	4.3	- 26.3									
Transportation	132.2	140.7	148.4	- 8.5	- 16.2									
Public Utilities	103.8	103.8	105.3	0.0	- 1.5									
Communications	54.0	54.0	55.4	0.0	- 1.4									
Electric, gas and sanitary service	49.8	49.8	49.9	0.0	- 0.1									
Wholesale trade	235.5	237.6	245.9	- 2.1	- 10.4									
Retail trade	729.5	739.7	739.8	- 10.2	- 10.3									
General merchandise stores	117.2	116.3	115.3	0.9	1.9									
Finance, insurance & real estate	245.1	244.7	244.3	0.4	0.8									
Banking	81.3	80.7	81.1	0.6	0.2									
Insurance	70.5	70.5	70.6	0.0	- 0.1									
Services	1018.9	1023.4	1013.3	- 4.5	5.6									
Business services	131.6	132.7	138.5	- 1.1	- 6.9									
Health services	350.1	348.6	338.8	1.5	11.3									
Hospitals	215.5	214.8	206.2	0.7	9.3									
Educational service	102.0	112.7	104.1	- 10.7	- 2.1									
Government	668.2	698.6	694.4	- 30.4	- 26.2									
Federal	137.2	136.4	136.4	0.8	0.8									
State & local	531.0	562.2	558.0	- 31.2	- 27.0									
Persons in labor-management disputes	6.9	1.7	6.6	5.2	0.3									

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1980, are benchmarked to first quarter 1981.

Due to budgetary constraints, the Pennsylvania Employment and Earnings will be published in a complete format only four times annually; April, July, October and January. The reduced format of the current issue will be published in all other months. If more complete data are needed during those months, contact (717) 787-3129.

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PENNSYLVANIA
EMPLOYMENT AND EARNINGS

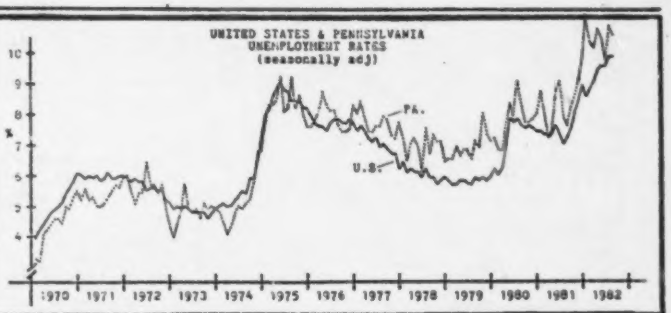
JOB SERVICE

SEPTEMBER 1982

Vol. XXVII No.9

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	AUG. 1982	JULY 1982	AUG. 1981
Civilian Labor Force	5593	5585	5583
Employment	5018	4989	5150
Unemployment (Unadjusted)	575	596	432
%Civilian Labor Force	10.3	10.7	7.7
Unemployment (Seas. Adj.)	583	594	437
%Civilian Labor Force	10.5	10.8	7.9



TOTAL EMPLOYMENT UP - UNEMPLOYMENT DOWN

Pennsylvania resident employment in August was 5,018,000, up 29,000 over July. It was, however, down 132,000 from a year ago when employment in Pennsylvania reached an all time high of 5,150,000.

Unadjusted unemployment shrank to 575,000 in August, 21,000 below July. The unadjusted rate slipped to 10.3 percent from July's rate of 10.7 percent.

Pennsylvania's seasonally adjusted unemployment rate also edged downward - to 10.5 percent from the previous month's 10.8 percent. The State's unemployment rates have crossed the 10.5 percent level in both directions during the year without climbing through the Januarv high of 11.2 percent. This is somewhat encouraging, considering that the national rate has continued to move upward throughout the year.

The nationwide seasonally adjusted rate in August was 9.8 percent, and the unadjusted rate was 9.6 percent. Both adjusted and unadjusted rates in July were 9.8 percent.

MANUFACTURING EMPLOYMENT UP

August manufacturing employment was 1,151,000, up 8,600 from July's level of 1,142,400. Nondurable goods provided the impetus with a gain of 23,800 jobs between July and August. The largest job gain (23,300) occurred in the apparel industry and was due to seasonal factors. Food, tobacco, textile mill products, and printing and publishing also posted job gains. Paper, chemicals, petroleum and coal, rubber and plastic products, and leather had small losses between July and August.

In August, durable goods employment declined by 15,200, due to continued cutbacks in the capital goods industries. Heaviest losses occurred in the primary metal industries - 5,500; nonelectrical machinery - 4,700; transportation equipment - 4,100; and instruments and related products - 1,100. The job reductions were partially softened by employment gains in furniture and fixtures - 700; stone, clay and glass products - 600; and miscellaneous manufacturing - 100.

MANUFACTURING HOURS AND EARNINGS DOWN

Average weekly manufacturing hours worked declined to 38.2 from July's 38.4. Hourly earnings dropped four cents, moving from $8.64 to $8.60. Consequently, average weekly earnings in manufacturing fell to $328.52 in August from July's $331.78.

Nondurable goods average weekly hours and average hourly earnings edged downward in August, dropping average weekly earnings to $272.63 from July's $278.92. Although total nondurable goods hourly rates declined, several individual industries posted impressive hourly gains. Petroleum and coal products increased hourly earnings by 28 cents, followed by the printing and publishing industry with 14 cents, and leather and leather products, 13 cents.

In durable goods, average weekly hours remained at July's 38.8. Average hourly earnings climbed to $9.66, a seven cent increase over the previous month. The exceptionally large hourly rate gain boosted average weekly earnings from $372.09 in July to $374.81 in August.

Substantial average hourly gains in August were recorded by primary metals, 36 cents; electric and electronic equipment, 14 cents; instruments, 11 cents; and nonelectrical machinery, 10 cents.

NONMANUFACTURING EMPLOYMENT DOWN

Employment in Pennsylvania's nonmanufacturing industries dipped to 3,331,400 off 13,700 from July's 3,345,100. This is the third consecutive month nonmanufacturing employment has declined. The drop in employment was due in part to seasonal furloughs in local school districts and layoffs among nonschool units of local government. Employment losses were partially offset by hirings in contract construction and transportation.

BUR453 8-82 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA#	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
				NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	AUG. 1982	JULY 1982	AUG. 1981	JULY 1982	AUG. 1981	AUG. 1982	JULY 1982	AUG. 1981	AUG. 1982	JULY 1982	AUG. 1981	AUG. 1982	JULY 1982	AUG. 1981
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4482.4	4487.5	4749.1	- 5.1	-266.7									
TOTAL MANUFACTURING INDUSTRIES	1151.0	1142.4	1317.7	8.6	-166.7	$ 328.52	$ 331.78	$ 329.78	38.2	38.4	39.4	$ 8.60	$ 8.64	$ 8.37
TOTAL DURABLE GOODS	657.7	672.9	799.8	-15.2	-142.1	374.81	372.09	375.47	38.8	38.8	40.2	9.66	9.59	9.34
Lumber & wood products	19.0	19.3	20.8	- 0.3	- 1.8	256.41	262.65	255.44	37.0	37.9	41.2	6.93	6.93	6.20
Furniture & fixtures	16.9	16.2	19.2	0.7	- 2.3	279.89	271.65	276.01	39.2	38.1	39.6	7.14	7.13	6.97
Stone, clay & glass products	52.0	51.4	58.6	0.6	- 6.6	366.46	369.33	355.31	40.9	40.9	41.9	8.96	9.03	8.48
Primary metal industries	131.6	137.1	185.9	- 5.5	- 54.3	441.03	433.70	463.24	36.6	37.1	38.7	12.05	11.69	11.97
Fabricated metal products	95.9	96.6	110.6	- 0.7	- 14.7	369.84	361.15	343.14	40.2	39.6	39.9	9.20	9.12	8.60
Machinery, exc. electrical	120.3	125.0	143.2	- 4.7	- 22.9	377.39	367.77	374.88	39.6	39.0	41.7	9.53	9.43	8.99
Electric & electronic equipment	106.0	106.2	118.6	- 0.2	- 12.6	338.82	331.66	321.18	38.9	38.7	40.4	8.71	8.57	7.95
Transportation equipment	59.1	63.2	78.7	- 4.1	- 19.6	423.54	427.64	402.19	39.0	38.7	39.9	10.86	11.05	10.08
Instruments & related products	36.0	37.1	41.3	- 1.1	- 5.3	332.54	340.29	327.81	38.4	39.8	41.6	8.66	8.55	7.88
Miscellaneous manufacturing industries	20.9	20.8	22.9	0.1	- 2.0	294.08	299.02	293.79	38.9	39.5	40.3	7.56	7.57	7.29
TOTAL NONDURABLE GOODS	493.3	469.5	517.9	23.8	- 24.6	272.63	278.92	262.82	37.5	38.0	38.2	7.27	7.34	6.88
Food & kindred products	93.7	92.7	97.4	1.0	- 3.7	319.53	323.57	307.89	39.4	39.8	40.3	8.11	8.13	7.64
Tobacco manufacturers	2.1	2.0	3.1	0.1	- 1.0	204.61	201.46	186.69	39.5	38.3	38.1	5.18	5.26	4.90
Textile mill products	40.4	40.1	43.9	0.3	- 3.5	213.94	211.84	209.59	37.6	37.1	37.9	5.69	5.71	5.53
Apparel & other textile products	123.9	100.6	126.5	23.3	- 2.6	176.16	177.82	175.10	33.3	34.0	34.0	5.29	5.23	5.15
Paper & allied products	39.6	40.0	42.9	- 0.4	- 3.3	346.88	351.88	321.63	42.2	42.6	42.6	8.22	8.26	7.55
Printing & publishing	72.0	71.5	73.5	0.5	- 1.5	338.52	333.12	321.98	38.6	38.6	38.7	8.77	8.63	8.32
Chemicals & allied products	57.6	57.9	60.4	- 0.3	- 2.8	387.44	385.97	366.03	40.4	40.5	41.5	9.59	9.53	8.82
Petroleum & coal products	16.4	16.5	17.6	- 0.1	- 1.2	543.63	518.02	460.79	43.7	42.6	41.7	12.44	12.16	11.05
Rubber & misc. plastics products	32.6	32.9	36.1	- 0.3	- 3.5	297.11	294.81	272.52	39.3	39.1	39.9	7.56	7.54	6.83
Leather & leather products	15.0	15.3	16.5	- 0.3	- 1.5	185.60	181.44	184.57	35.9	36.0	37.9	5.17	5.04	4.87
TOTAL NONMANUFACTURING INDUSTRIES	3331.4	3345.1	3431.4	-13.7	-100.0									
Mining	42.9	43.3	49.7	- 0.4	- 6.8									
Contract Construction	174.1	171.5	198.6	2.6	- 24.5									
Transportation	133.8	133.0	148.6	0.8	- 14.8									
Public Utilities	103.7	103.8	105.5	- 0.1	- 1.8									
Communications	53.8	54.0	55.5	- 0.2	- 1.7									
Electric, gas and sanitary service	49.9	49.8	50.0	0.1	- 0.1									
Wholesale trade	236.5	236.8	246.1	- 0.3	- 9.6									
Retail trade	724.4	727.7	737.1	- 3.3	- 12.7									
General merchandise stores	113.3	117.4	113.8	- 4.1	- 0.5									
Finance, insurance & real estate	244.9	245.3	243.4	- 0.4	1.5									
Banking	80.8	81.2	81.0	- 0.4	- 0.2									
Insurance	70.5	70.5	70.3	0.0	0.2									
Services	1016.3	1017.3	1015.0	- 1.0	1.3									
Business services	131.7	130.2	142.1	1.5	- 10.4									
Health services	350.4	350.3	338.8	0.1	11.6									
Hospitals	215.8	215.8	206.8	0.0	9.0									
Educational service	100.9	102.2	101.6	- 1.3	- 0.7									
Government	654.8	666.4	687.4	-11.6	- 32.6									
Federal	136.7	137.0	135.5	- 0.3	1.2									
State & local	518.1	529.4	551.9	-11.3	- 33.8									
Persons in labor-management disputes	2.4	6.0	2.7	- 3.6	- 0.3									

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

# Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1980, are benchmarked to first quarter 1981.

Due to budgetary constraints, the Pennsylvania Employment and Earnings will be published in a complete format only four times annually; April, July, October and January. The reduced format of the current issue will be published in all other months. If more complete data are needed during those months, contact (717) 787-3129.